



Date	CEN/TC 53 "Temporary works equipment"
2014-05-08/09	

Report of the 39th meeting of CEN/TC 53 "Temporary works equipment" in Berlin on 8th and 9th May 2014

Attendance:

Aers, Bennett, Blobel, Cortis, Cowling, Ehrlich, Einhaus, El Baba, Fröhlich, Gartner, Gule, Hertle, Høvik, Johnson, Leistner-Mayer, Martinsson, Mohammed, Monteil, Niskanen, Panek, Sell, Tuliniemi, Turunen, Willmott, Wyke

1 Opening of the meeting and roll call of delegates

The Chairman Mr Lethe was excused from the meeting and Ms Panek welcomed all participants to Berlin. She passed the word over to Mr Einhaus, candidate for new chairman of CEN/TC 53, who also welcomed the members and quickly introduced himself. Ms Panek provided some organisational details.

2 Roll call of delegates (N 894)

→ checking of the member list

Ms Panek reported that she updated the member list after the last meeting and that she will ask BSI to remove Alan Hall (BSI, former support of the UK mirror committee) and Joachim Edeler (former convenor of the German mirror committee). The Norwegian delegation explained that their names do not appear on the member and participants list due to data security measures.

Ms Panek mentioned that there were two guests who wished to attend this meeting, Mr Fröhlich from Germany and Mr Johnson from NASC, UK.

All participants introduced themselves to the meeting with their names and the institutions they have been sent by and each delegation named the head of the delegation. In total, 10 CEN members attended the plenary.

→ appointment of the new chairman

As Mr Lethe is retiring by the middle of 2014, the draft decision for a new candidate for chairman was circulated in CEN/TC 53 prior to the plenary. Mr Einhaus was proposed for the position of chairman and he was accepted unanimously by the CEN/TC 53 members. He will be chairman for a period of 3 years.

Decision 126_01/2014: Mr Einhaus was appointed new chairman of CEN/TC 53 for a period of three years. The decision was taken by unanimity.

3 Appointment of the decisions committee

The secretary explained that it was necessary to appoint a decisions drafting committee in order to translate the decisions into the three official CEN language versions. Mr Monteil was so kind as to volunteer for the French version, Mr Willmott will check the English language version and DIN will provide for the German language version, which will be kindly checked by Mr Hertle.

4 Approval of the agenda (N 920)

The agenda had been distributed as document **N 897** and then updated by document **N 920**.

The agenda was accepted as given with no additions.

5 Approval of the report of the 38th meeting (N 872)

The report is document **N 872** and was approved without comments.

6 Confirmation of the business plan (N 875)

Ms Panek reported that the CEN rules foresee a checking of the business plan of a Technical Committee at each plenary in order to keep the work program up to date. She explained that the last amendment to the business plan was done on request of CEN, as sustainability is an aspect stressed by the European Commission. Previously there had been no clause related to environmental/sustainability aspects in the business plan of CEN/TC 53. The business plan was confirmed.

7 Report of the secretariat (N 896 and N 922)

The secretary, Ms Panek, reported on the current status of the committee's working programme (see documents **N 896** and **N 922**). She outlined that in the meantime EN 12813 which was due for systematic review was confirmed by the members of CEN/TC 53 and explained that the systematic review for EN 14653-1 and EN 14653-2 is due for systematic review by January 2015. The questionnaire for confirmation/revision of these two standards will be made by correspondence in fall of 2014.

Alerts requiring action:

- The draft for Formal Vote for FprEN 16508 (encapsulation systems) has to be circulated for the launching of the Formal Vote by end of July 2014.
- EN 1004 (MATs) is due for systematic review this year in April.
- FprEN 1263-1 rev and FprEN 1263-2 rev have to be forwarded to Formal Vote as soon as possible (draft decisions have been prepared).

The report of the secretariat was accepted without comments.

8 Proposal for a new project and installation of a new WG 15 (N 902 to N 904 and N 914)

Mr Fröhlich who was proposed as convenor of the working group to be established explained the background and details of the German proposal. He outlined that scaffolds are different from other construction products as they are temporary structures. He explained that therefore not all provisions of the Eurocode were applicable for scaffolding/formwork. He pointed out that manufacturers of scaffolds/formwork did not produce prototypes but were relying on a serial production for their design processes. Mr Fröhlich explained the demand for the elaboration of a European solution specific to temporary structures and Mr Willmott asked for the necessity of this as ISO standards were already established in the field. Mr Hertle explained that European Standards are not referring to ISO standards but to the Eurocode. He pointed out that temporary products are not able to fulfil the EN 1090 regime as this testing regimes focuses on a prototype rather than a serial production. Mr Hertle remarked that EN 1090 considered typical steel constructions, e.g. bridges and similar, and does not focus on special products that are fabricated and used in a different way.

A long and controversial discussion ensued in the plenary as there were many uncertainties/concerns concerning the issue. Mr Hertle explained that in order to prevent cross-border problems, the timely elaboration of an application document to the Eurocode resp. EN 1090-2 and -3 as proposed in document **N 914** could reduce the burden for manufacturers. Mr El Baba emphasized that the proposal had been made in order to make the quality control feasible for all manufacturers as no specifications for temporary structures exist at the moment and pointed out that it is the task of CEN/TC 53 to react and elaborate the rules for formwork/scaffolding products. Mr Hertle explained that a reason for the proposal to elaborate a European document a.s.a.p. is to prevent future discussions. The mentioned that it will serve as application standard using the principles of the Eurocode but adopting these principle to temporary constructions. Mr Gartner supported this view.

Mr Willmott pointed out that no document could be elaborated that would contradict an EN and Mr Hertle clarified that the document to be elaborated would be in-line with the Eurocode and specify how the manufacturer should set up quality control in a serial production. Mr Ehrlich remarked that the proposal needs amendment if it only covers prefabricated products. It was agreed to modify the scope of the proposal.

Further procedure:

Mr Aers requested as a first step to identify which sectors are involved, i.e. which parties have a problem concerning the matter. Mr Monteil remarked that France is against the proposal which does

not seem detailed enough and arrived rather late in order to be discussed in detail in the mirror committees. The delegates from the UK agreed and requested clarification/more details prior to adoption of an NWI. Mr El Baba proposed to firstly eliminate the lack of information and clearly state the benefits/advantages of the proposal. After the clear definition of targets, he proposed to revisit the proposal. Mr Martinsson proposed to consider an amendment to EN 12811-2 rather than elaborate a new project and the members of CEN/TC 53 thought this to be a good proposal. Eventually, the members of CEN/TC 53 agreed to hold an extra meeting in September 2014 in order to re-discuss the issue and it was decided to postpone the draft decisions D 127 to 129 to that meeting. Mr Cortis is against the project and voted against it on behalf of the Italian mirror committee.

Decision 139_14/2014: Adoption of a new project:

CEN/TC 53:

- **having considered the proposal for a new work item as documented in CEN/TC 53 N 902 and N 914 and having noted the German request to withdraw the proposal during the plenary;**
- **however having identified the need to generally clarify and discuss the topic;**
- **having considered the demand to modify the scope of the proposal and to take into account EN 12811-2;**
- **taking into account that Germany will prepare basic information within the next 2 months which will be circulated in CEN/TC 53 Livelink for comments;**

decides to defer the adoption of a New Work Item and the establishment of a new Working Group 15 responsible for the elaboration of the project to the next meeting which will be held in 30th September 2014.

Comments to the redrafted proposal are requested to be sent via email to lilian.panek@din.de until the 01st September 2014.

The decision was taken by 9 positive and 1 negative vote (Italy).

ACTION:

- Germany to prepare basic information on the matter within the next 2 months.
- CEN/TC 53 secretariat will circulate the information to be provided in Livelink and call for comments.

9 Report of the activity of the working groups dealing with scaffolds

9.1 Report of the convenor of WG 1 "Performance requirements for access and working scaffolds"

Working Group 1 is still dormant and no activities had taken place. Therefore no report was necessary.

9.2 Report of the convenor of WG 2 "Façade scaffolds made of prefabricated elements"

Mr Hertle, the convenor of Working Group 2, reported that the WG is still dormant and no activities had taken place. No written report was required.

9.3 Report of the Convenor of WG 3 "Tubes and fittings"

Mr Giacobbo Scavo was not present at the meeting and no report on WG 3 was given. Ms Panek reported that she tried in vain to find a fifth CEN member to participate in the revision of EN 74-1. After a second request for participation without success, the standard was approved for a further period of 5 years.

9.4 Report of the convenor of WG 4 "Mobile access towers" (N 926)

The convenor of WG 4, Mr Bennett, reported on the status of the work in WG 4. There were 9 meetings of WG 4 in total, 5 meetings after the last plenary in London. He explained that the activation of the PWI is not possible as the situation in WG 4 (the last meeting of which was held the day before) was currently deteriorating and work could likely stop. He pointed to the fact that the review process was taking too long as no or hardly any consensus could be found within the working group. Although much effort was put into the revision of EN 1004 and the TC had given clear advice

during the last plenary by redefining the task of WG 4 and by fixing the scope of the standard, no result could be achieved in the WG. He lamented that there seems to be no genuine will to compromise in WG 4.

A long and lively discussion between the members of the TC followed. Mr Sell who is a member of WG 4 explained that the members could not even consent to the basics. Mr Willmott proposed to request the mirror committees of the CEN members involved to replace their experts with different experts to enable productive working. Ms Panek explained that it is up to the mirror committees to send experts into WGs and CEN/TC 53 has only little influence on this.

Mr Monteil remarked that the French mirror committee had discussed the activation of the PWI prior to the plenary and that the members had not been optimistic which was confirmed by the meeting on 7th May 2014. He explained that in his opinion the problem of WG 4 is a problem of the manufacturers who all have a different idea about safety. He hinted at the fact that in Europe there are too many different safety concepts rendering consensus on the subject very difficult.

Mr Courtz, also a member of WG 4, explained that the current version of the standard allowed many different interpretations and therefore could be considered a rather faulty standard. He reported that one of the outcomes of the WG 4 meeting was that the experts of each CEN member gave his/her position to the question whether or not to close the group and over 80 % were in favour of closure. Mr Willmott proposed to determine a mediator who could help to establish consensus in the group. Mr Hertle proposed to confirm EN 1004:2004 for the time being in order to provide WG 4 time to rethink matters and start to work anew. Mr Monteil and Mr Bennett objected to the proposal as it did not reflect the recommendation made in WG 4 to close the WG.

Finally the members of CEN/TC 53 could agree on the following:

Decision 138_13/2014: The members of CEN/TC 53 agree to confirm EN 1004:2004 for a further period of 5 years. The decision was taken by unanimity. The decision was taken by 8 in favour, 1 against and 1 abstention.

Regarding the future of WG 4, the members of CEN/TC 53 agreed on the following procedure. The report of the last meeting of WG 4 is awaited and then a decision by correspondence will be taken in with options for the further proceedings regarding the work of the working group.

Concerning the revision of EN 1298, for which a PWI had been installed in 2012, WG 4 has not yet begun the revision. The future of the PWI will also be discussed in the draft decision to be circulated

The amalgamation of EN 1004 and EN 1298 will be discussed again, when both revisions have been terminated.

ACTION:

- Mr Bennett to prepare the meeting minutes of the last meeting in Berlin
- CEN/TC 53 secretariat and chairman to prepare a draft decision with options regarding the future of CEN/TC 53/WG 4 for circulation in the TC.

9.5 Report of the convener of WG 5 "Methods of assessment of load bearing towers"

There was no report of the convener of WG 5 as there had been no activities in WG 5 since the last meeting of CEN/TC 53.

9.6 Report of the convener of WG 6 "Performance requirements for falsework"

Chris Wilshere was excused from the meeting and there was no report necessary as WG 6 is dormant at the moment. EN 12812 had been confirmed for a period of further 5 years in 2013.

9.7 Report of the convener of WG 13 "Protection fans on scaffolds"

Mr Maitra was excused from the meeting but reported via email on the status of WG 13 which can also be officially set dormant. EN 12811-4 (protection fans) has been finalized and was published in 2013.

9.8 Report of the convener of WG 14 "Temporary encapsulation systems" (N 918, N 919, N 927)

Mr Martinsson reported that the last meeting of WG 14 took place in Berlin at the end of February 2014. The draft was finalized during the meeting, the comments discussed and the accepted ones incorporated into the draft. The editorials were made by SIS.

A-deviations:

During the CEN Enquiry Norway and Denmark had remarked that they would need an A-Deviation because of contradicting national legislation. After the CEN enquiry Sweden also requested an A-deviation and contacted the CEN/TC 53 secretariat who informed the CEN program manager. I was agreed to try to omit the A-deviation by discussing the technical content in question in WG 14, however no agreement could be achieved to change the normative text to be in-line with Swedish/Norwegian legislation. The program manager remarked that before the draft could be forwarded to the FV, a decision on the A-deviation would have to be made on TC-level. Sweden submitted a proposal (see document **N 918**) for the deviation and Norway submitted the request providing background details (see document **N 927**).

The chairman asked about the background of the A-deviation for Sweden and the convenor of WG 14 explained that a special regulation exists in Sweden rendering Clause 6 not applicable for Sweden. He explained that the health and safety documents issued by the department of health and safety mentioned in the proposal for the A-deviation are a law in Sweden and that those who do not comply to the regulation were liable and would be prosecuted. Mr Willmott pointed out that if the documents had only guiding character, they should not be mentioned in an A-deviation. There was a long discussion on the issue of A-deviations and Ms Panek referred to the CEN guidelines in respect to A-deviations, pointing out that the EN may not contradict national legislation. Mr Gule remarked that the regulation mentioned in the Norwegian proposal would also have legislative character in Norway. Mr Cowling remarked that the CEN regulations ask for the documents (national regulations) to be made available for acknowledgement in the CEN/TC.

It was agreed that both the Norwegian and the Swedish delegate would clarify the character of the document cited in order to be in-line with the CEN guideline on the issue. The draft decisions on the A-deviations for Sweden and Norway and the launching of the Formal Vote will be made by correspondence.

ACTION:

- SIS and Standards Norway will clarify the character of the regulations cited.
- CEN/TC 53 secretariat circulate the draft decisions in the TC in due time after clarification of the A-deviation issue. The secretariat will also forward the figures to the drafting office in order to have them ready for the launching of the FV.

10 Reports of the other Working Groups

10.1 Report of the convenor of WG 7 "Safety nets" (N 917, N 910 and N 911)

The report of the convenor of WG 7 was accepted. As the convenor was unable to attend the TC-meeting due to sickness, the secretary reported that parts 1 and 2 of EN 1263 were finalized and if agreed on by the members of the TC, the drafts will be forwarded to FV a.s.a.p. The members of CEN/TC 53 agreed to the drafts unanimously.

Decision 135_10/2014: The members of CEN/TC 53 agree to forward the draft of FprEN 1263-2 for FV to CCMC. The decision was taken by unanimity.

Decision 136_11/2014: The members of CEN/TC 53 agree to forward the draft of FprEN 1263-1 for FV to CCMC. The decision was taken by unanimity.

ACTION:

- CEN/TC 53 secretariat will add the introductory element "Temporary works equipment" to the title of both drafts and forward the drafts to CCMC for the FV.

10.2 Report of the convenor of WG 8 (N 860, N 845)

There was no report of the convenor of WG 8 as there had been no activities in WG 8 since the last meeting of CEN/TC 53.

10.3 Report of the convenor of WG 9 "Trench lining systems"

There was no report of the convenor of WG 9 as there had been no activities in WG 9 since the last meeting of CEN/TC 53. EN

ACTION:

- CEN/TC 53 secretariat will initiate the questionnaire for EN 14653-1 and EN 14653-2 is due for systematic review by January 2015

10.4 Report of the convenor of WG 10 "Guardrails for temporary works" (N 906)

There was no report of the convenor of WG 10 as there had been no activities in WG 10 since the publication of EN 13374 in 2013. SIS had hinted there might be a demand to amend the standard in parts and may propose a corrigendum or amendment in the near future.

Decision 131_06/2014: The members of CEN/TC 53 agree to set WG 10, 11 and 13 dormant for the time being. The decision shall be re-evaluated if a demand is established in the future. The decision was taken by 9 positive votes and 1 abstention.

10.5 Report of the convenor of WG 11 "Prefabricated formwork beams"

There was no report of the convenor of WG 11 as there were no activities in WG 11 since the last meeting of CEN/TC 53. EN 13377 was confirmed for further 5 years with decision C08/2012 via correspondence. See also decision in 10.4.

11 Confirmation or alteration of target dates (if necessary)

Decisions taken during the meeting:

- **Confirmation of EN 1004:2204;**
- **Launching of FV for EN 1263-1 and -2;**
- **Approval of business plan**

The following decisions will be **taken by correspondence** after the 39th meeting of CEN/TC 53:

Further procedure regarding WG 4:

- based on the report of the convenor of WG 4 further action by CEN/TC 53 secretariat and chairman will follow regarding the future of the working group and its work program;
- future of PWI for prEN 1298 rev;
- future of prEN 1004 rev.

Launching of FV and confirmation of A-Deviations:

- EN 16508 → Deadline is end of June 2014 otherwise a tolerance request will be circulated by CEN/TC 53 secretariat!

5-year-reviews:

- EN 14653-1 and EN 14653-2

12 Validation of existing liaisons

12.1 SBS

Only one active liaison with SBS, the successor of NORMAPME, exists in CEN/TC 53 at the moment. Mr El Baba explained that SBS is just like NORMAPME an association that represents the interests of small and medium enterprises and provides financing for the participation in European standardization activities. He has been appointed to CEN/TC 53 by SBS.

12.2 Proposal for liaison with CEN/TC 135 "Execution of steel and aluminium structures"

In view of the proposal for a new project closely linked to EN 1090-2 and -3, a colleague of Ms Panek strongly suggest to propose a liaison between CEN/TC 53 and CEN/TC 135, which is responsible for the standard series EN 1090. Currently all parts of EN 1090 are in revision in CEN/TC 135 and Ms Panek highlighted that this is the ideal time to place interests of CEN/TC 53 in regard to temporary

products in TC 135. The proposal to liaise with CEN/TC 135 was agreed on by the members of CEN/TC 53.

Decision 137_12/2014: The members of CEN/TC 53 agree to liaise with CEN/TC 135. Mr Willmott and Mr Fröhlich are proposed as Liaison officers. The decision was taken with 8 positive votes and 2 abstentions.

ACTION: CEN/TC 53 secretariat will inform CEN/TC 135 about the proposal for liaison and request CEN/TC 135 to confirm this, allowing Mr Willmott and Mr Fröhlich to participate as observers. Information will then be forwarded to CCMC for updating of the database.

13 Date and venue of the next meeting

An extraordinary meeting of CEN/TC 53 to discuss the German proposal for a new project and establishment of a new WG to elaborate the new proposal will take place **at DIN on 30th September 2014**. The meeting will start at 10:00 and end at approx. 16:00.

The next regular meeting of CEN/TC 53 will be held **at ASI in Vienna on 16th and 17th September 2015**. The meeting will also commence at 11:00 and end at 12:00 on the second day in order to provide opportunity for a social event in the evening.

ACTION:

- Mr Ehrlich will ask Mr Ellmer from ASI for room reservations, confirm the meeting and provide details beforehand.

14 Any other business

→ Discussion on the significance of minimum values

In an email to the secretariat, SIS raised an issue that was discussed during the last CEN/TC 53/WG 14 meeting. Mr Wyke explained that the discussion in WG 14 was about the interpretation of tolerances in the normative text as well as the drawings. He referred to EN ISO 8015, however Mr Hertle explained that this standard only covers drawings and would not serve to deduce rules on how to deal with tolerances. After a long discussion, the members of CEN/TC 53 agreed to indicate 2 decimal places in all new standards to come, if required. It was also agreed that a minimum is always considered a minimum (e.g. when .6 m is declared, then .58 will not do). Mr Hertle pointed out that a general rule would make little sense and that it should be up to the particular group to decide from case to case.

→ Discussion about titles of CEN/TC 53 standards (N 921 and N 923)

SIS also raised a question about consistency in titles elaborated by CEN/TC 53. For an overview, the secretariat had prepared a table listing all published standards. It became evident, that due to historical reasons (change of scope of TC work program) no consistency in the naming is given. It was agreed to amend this in the future during the revision of the projects and to include the introductory element "Temporary works equipment" in the titles of all standards.

ACTION: The secretariat will check and amend titles accordingly.

15 Adoption of the decisions

Decisions 1, 6 and 10 to 14 were agreed by all members.

16 Closure of the meeting

The chairman Mr Einhaus thanked all members for the successful meeting, closed the meeting and wished everybody a safe trip home.

signed
L. Panek
Secretariat CEN/TC 53

signed
M. Einhaus
Chairman of CEN/TC 53

Comments on this meeting report shall reach CEN/TC 53 Secretariat by 2014-06-29.