



CEN/TC 226 Secretariat
"Road equipment"
"Equipements de la route"
"Straßenausstattung"

CEN/TC 226 N 1477

2015-06-19

Draft minutes of the 26th CEN/TC 226 meeting held in Berlin on 11 and 12 June, 2015



Action : For approbation within one month

Source : 26th CEN/TC 226 meeting held on 11 and 12 June, 2015 in Berlin

Comments: -

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NORMALISATION

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1.	Opening of the meeting (09.30 a.m.)	
2.	Roll call of delegates	
3.	Appointment of the decision committee	
4.	Approval of the draft agenda	N 1463
5.	Report of the Secretariat	N 1441
6.	For information, discussion and decision	
6.1	CPR, Construction Product Regulation	
	Template Annex ZA, TF 687 Rev1	N 1469
	German request on Guidance on procedure how to deal with classes and threshold levels in CEN/TC 226 hEN in the future	N 1461
6.1'	Situation of the Mandate, answers to the Mandate, ...	
6.2	Climatic data, for discussion and decision	N 1448
6.3	Norwegian request to disband CEN/TC 50 and to move the work to CEN/TC 226	N 1465
7.	Report of the activity of working groups	
7.1	<i>WG 1 "Crash barriers, safety fences, guard rails and bridge parapets"</i>	
	- Report of WG 1	N 1457
	- German request on CE-marking of road restraint systems (RSS) / possible change of mandate M/111/ are RSS to be considered construction products	N 1462
	- Actions and decisions with regard to the report/updating of the work	N 1440
7.2	<i>WG 2 "Horizontal signs"</i>	
	- Report of WG 2	N 1454
	- French position on CE marking for EN 1871, Road marking materials - Paint, thermoplastic and cold plastic materials	N 1468
	- Actions and decisions with regard to the report/updating of the work	N 1440
7.3	<i>WG 3 "Vertical signs"</i>	
	- Report of WG 3	N 1458
	- Actions and decisions with regard to the report/updating of the work	N 1440
7.4	<i>WG 4 "Traffic control"</i>	
	- Report of WG 4	N 1459
	- Actions and decisions with regard to the report/updating of the work	N 1440
7.5	<i>CEN/TC 169/WG 12 /CEN/TC 226 "Road lighting"</i>	
	- Report	N 1455

7.6	WG 6 "Noise protection devices"	
	- Report of WG 6	N 1460
	- Actions and decisions with regard to the report/updating of the work	N 1440
7.7	WG 9 "Pay and display ticket machines"	
	- Report of WG 9	N 1451
	- Actions and decisions with regard to the report/updating of the work	N 1440
7.8	WG 10 "Passive safety of support structure for road equipment"	
	- Report of WG 10	N 1453
	- Actions and decisions with regard to the report/updating of the work	N 1440
7.9	WG 11 " Variable messages signs (VMS)"	
	- Report of WG 11	N 1456
	- Actions and decisions with regard to the report/updating of the work	N 1440
8.	Liaisons with other CEN Technical Committees and European organisations	
8.1	CEN/TC 50 "Lighting columns and spigots", <i>Frédérique Rigah</i>	N -
8.2	CEN/TC 224 " Personal identification, electronic signature and cards and their related systems and operations", <i>Thierry Brusseaux</i>	N -
8.3	CEN/TC 229, Precast concrete products, <i>Johan Horckmans</i>	N -
8.4	CEN/TC 278 " Road transport and traffic telematics" <i>Thierry Brusseaux</i>	N -
8.5	CEN/TC 350 "Sustainability of construction works", <i>Dr. Crina Oltean-Dumbrava</i>	N -
8.6	CEN/TC 351 "Construction Products – Assessment of release of dangerous substances", <i>Williams Smith</i>	N -
8.7	ISO/TC 204, Intelligent transport systems	N -
9.	Miscellaneous	
10.	Date and place of the next meeting	
11.	Adoption of decisions	
12.	Closure of the meeting (3.00 pm)	

1 – Opening of the meeting

Michel Bry welcomed delegates to the 26th meeting.

He gives the floor to Lilian Panek for practical arrangement and the presentation of the social event on the evening of the first day, sponsoring by Orafol Europe GmbH.

2 - Roll call of delegates

The delegates introduced themselves, see Annex 1.

The secretariat has received the apology from Georg MENG, SNV and Gonçalo Ascensão, CCMC.

3 – Appointment of the decisions drafting committee

The decision drafting committee for the 26th meeting was set up and included the following:

- English language: Paul Jones,
- French language: Nathalie Girardot,
- German language: Lilian Panek.

Note: The decisions are now prepared and dispatched only in English.

4 – Approval of the agenda

The draft agenda, Doc. N 1471 was accepted without additional item but with some switch on the order of the presentation of the Convenor reports.

Note: For readability the minutes are written in the order of the agenda and not of the presentations / discussions.

5 – Secretariat's report, N 1441

The report of the secretariat is to be read in conjunction with the work programme, N 1440.

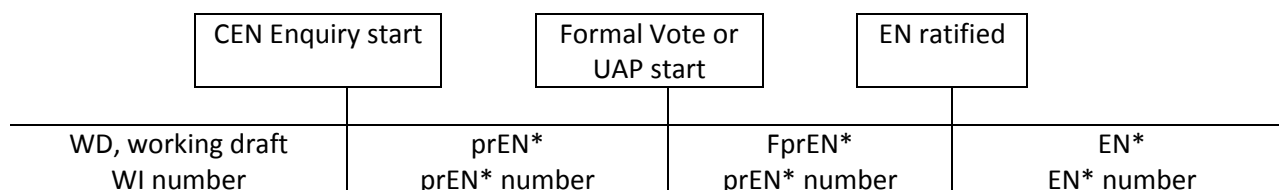
The TC Secretary report describes the status of the CEN/TC 226 work, and the decisions which have been approved by correspondence since the last plenary meeting held on 12/13 June 2014 in Vienna.

See document N 1441, slides 10 to 13.

Paul emphasizes on the proper naming of the texts depending of the status and he has fully right.

By habit, abuse of language, we (and not that the TC 226) have taken bad habits.

The naming "prEN" is only when a draft is submitted to the CEN Enquiry; before it is a working draft which cannot put in reference in a standard because is not yet a public document.



**and ditto for what we "call" prhEN, FprhEN and hEN*

The report was approved without any further discussion.

6 – For discussion and decision

6.1a CPR, Construction Product Regulation

See slides 15 to 20 in document N 1478.

The new Template of Annex ZA for product standard under CPR is now available with the BT C56/2015 and document TF N 687 Rev1, see doc. N 1469 and N 1476 (Word Format)

This new Template Annex ZA no longer contains:

- ⇒ The Table ZA.2 with the level of AVCP systems (copy/paste of EC Decision),
- ⇒ Example(s) of the DoP
- ⇒ Example(s) of CE marking

For information, it was mentioned that a proposal "Examples of CE marking and Declaration of Performance (DoP) for construction products in Technical Reports" is on the agenda of the meeting of the BT TCMG on 16 June 2015, as well as a proposal for an interactive workshop.

Note: unofficial outcome of the meeting of BT TCMG:

- *Favourable opinion of the members of BTTMG that Technical Committees preparing hENs in support of Regulation EU305/211 (Construction Products Regulation) can develop Technical Reports to include examples of CE marking and Declaration of Performance (DoP) (Doc. BT N 9994),*
- *Favourable opinion of the members of BTTMG on the proposal for an interactive workshop to discuss the strategy of the construction sector which will be organized at the end of 2015.*

The major point, it's the reading of Article 27 of the CPR: no longer what we call "Technical classes" and Threshold values including "Pass/fail" in a new hEN (or revised hEN) Construction.

If absolutely necessary, two remaining ways with CPR to have classes and/or threshold values in a European Standard:

- ⇒ Delegated Act, CPR, Art. 27 (1),
- ⇒ A Mandate, CPR Art. 27 (2)

With the Mandate, the CEN/TC has more work than with a Delegated Act but we keep the hand (for example if we have to revise them).

The EC services consider that the preferable solution is to issue a "horizontal Mandate" for all CEN/TCs impacted by CPR on the basis of article 27 (2) and (3) of the CPR, amending all existing Mandates under the CPR in order to further define the conditions and the procedures under which the TCs would be enabled to introduce thresholds levels and classes of performance in future hEN.

The classes and threshold values in existing standards already cited in OJEU are reputed accepted.

For the new standards and for the revision of existing standards with new classes and/or thresholds values or modifications of the existing classes and/or thresholds values, the EC prepare a "horizontal Mandate": How to introduce classes and/or threshold levels in a harmonized standard of the construction sector. This document has been discussed at the last SCC meeting (Standing Committee of Construction) on 5/6 February 2015. The Annex 1 of this document (Annex 1 mentioned on the slide 17) gives the list of the tasks for the TCs. This document was not yet on the Table of CEN/BT unfortunately; nevertheless you could find it in Annex 2 but be careful: it's a draft document subject to modifications.

To summarize:

CEN shall submit to the EC a specific proposal comprising:

- ⇒ The accurate description of the new threshold levels / classes of performance proposed together with the appropriate justification ;
- ⇒ Any information already available about the views of the MSs, SMEs and other stakeholders;

- ⇒ Any information already available on products which would be excluded by the harmonized standard, in case of application of the proposals ;
- ⇒ If available, the views of the CEN consultant on the proposal
- ⇒ CEN/TCs are not responsible for finding and collecting regulatory provisions on thresholds and classes.
- ⇒ It already exist several revised hENs which are not cited to the OJEU at more than DAV + 9 months: so a new EN (voluntary EN standard) is in force with a mandatory CE marking on the previous published version (the reference of the version cited to the OJEU).....

Note: Please also note that the assessment of a candidate harmonized standard has changed.

- ⇒ *Before with the CPD: formal assessment by the CEN Consultant between the sending of the draft by TC secretary to CCMC for the Formal Vote or UAP, then if a positive result of the vote, cited to OJEU at the latest at DAV + 9 months; in time for the beginning of the co-existence period.*
- ⇒ *Now with the CPR:*
 - *if we have a CEN Consultant, he assess the draft at the New CEN Enquiry stage and then as previous, before the starting of the formal vote an,*
 - *when the definitive text is available (DAV), the EC assessment (CPR, Article 17).*

CEN/TC 226 as well as the 70/80 others CEN/TCs impacted by the CPR have needed to have a strategic guidance.

Several delegates are stunned and cannot imagine a product standard without classes but the EC not refuses the classes and threshold values in hEN, EC asks justification for the classes and threshold values in relation with the essential characteristics to avoid that existing products are excluded of the market.

Even if the process is not yet provided by EC/CCMC, each WG of CEN/TC 226 concerned by the CPR product standards should start to organize for new hEN and modification(s) of classes and/or threshold values in existing hEN (already cited in OJEU), into preparing a justification for each new or modified class (es) and threshold value(s) (including pass/fail), as soon as possible and no later than quickly after the close of the CEN Enquiry.

The members wish to express their general disappointment on the situation because the regulation 305/2011/EU is fully entered in force on 1 July 2013 and for now, unfortunately, we have not yet either guide neither rule nor instruction except now the Template for Annex ZA.

In conclusion, as soon as the TCs Construction will have the tools from EC and CEN/BT, we will organize a convenors meeting in Brussels hoping to have the participation of Gonalo Ascenso and the participation of a representative of EC and (if a day we have again a CEN Consultant) the CEN consultant.

N 1461, German request on Guidance on procedure how to deal with classes and threshold levels in CEN/TC 226 hEN in the future.

Due to the discussion on this point, the German delegation has no more to add.

Reminder of structures where we need to be directly or indirectly by MS or NSB representatives:

On regulatory side: Members States

- SCC: Standing Committee of Construction
- Advisory Group
- if existing, the mirror national committee of the two above

On standardization side: NSB

- CEN/BT and CEN/BT TCMG
- CEN/BT/Core Group
- CEN/BT WG 102, Task Force Construction (TFC). For the time being and since long time, only 9 NSBs are members of this TFC
- if existing, the mirror national committee of the two above

and also on certification side with GNB-CPR/SG04 and National level.

To have a chance to obtain something at the operational level then in the TCs, it is necessary that each country (MS and NSB), is involved in the mentioned structures.

A TC can inform and/or question the CEN/BT but a TC has no power near the SCC unless the TC questioned directly.

Member States are challenging almost nothing in SCC, only 4/5 NSBs actively involved in TFC. How many countries have a national mirror structure on the implementation of the CPR?

6.1' Situation of the Mandate, answers to the Mandate,

This point here is only as a reminder of the statement of the Mandates/answer to the Mandates and EC acceptance with the documents in forces. See document N 1478, slides 22 and 23.

6.2 Climatic data (UK), for discussion and decision, N 1448

Paul introduces his paper and reminds the starting two years ago.

Initially Paul informs that Dr. Crina Oltean Dumbrava-appointed liaison officer between our TC and CEN/TC 350, does not have the finances to do the job, so she cannot continue. We will need to find a person involved in the CEN/TC 350, knowing EN 15804 and that is also involved in the CEN/TC 226 for optimizing the time of this person. A volunteer would be welcome for this task.

This point brings a bit of confusion and at least three subjects shall be distinguished:

- 1) Climatic data;
- 2) Current Mandate M/111 with Durability consideration, see doc. N 653;
- 3) Future Mandate CPR for the BRW 7, Sustainable use of natural resources when the EC will have time to produce it.

Here, the issue is related to climatic data for the products covered by CEN/TC 226, without any other considerations, but this topic needs a little ambition of the CEN/TC 226 since everyone in CEN/TC 226 is expected to need guidance/a rule book.

Jean-Pierre Clairbois emphasizes that the WG 6 has already done on this matter, especially on BWR 7 and he offers to help the TC on this matter.

On this subject, Henry notes that many standards already exist as the ISO 14040 series, Environmental management - Life cycle assessment.

Action:

Paul asks to receive a feedback from Henry, Kari, Emiliano and Jean-Pierre on what they are said during the meeting to prepare a document with the support of Nathalie as a guide for CEN/TC 226 to have at first the good references for this matter.

The CEN Guide 4: Guide for addressing environmental issues in product standards can be a base for this work. The Guide is available on the Website of CEN and reproduces in document N 1479.

6.3 Norwegian request to disband CEN/TC 50 and to move the work to CEN/TC 226, N 1465

Matteo Pezzucchi presents the Norwegian request which consists of to move CEN/TC 50 work under CEN/TC 226 with the following arguments:

- CEN/TC 50 activity is already linked to CEN/TC 226/WG 10 and that many experts of CEN/TC 50 are already involved into CEN/TC 226/WG 3 working group,
- CEN/TC 50 and CEN/TC 226 have the same Mandate M/111,

- CEN/TC 50 has not met for several years.

Additionally, a merge of these two committees will give the following benefits:

- simplify the standardization process for EN40 and EN12899 as they are handled in one TC;
- increase the interest of experts and the participation on the working groups by lowering the travelling costs and number of meetings,
- reduce inter-committees collaborations making all process more efficient,
- lower the cost for the producers when it comes to conformity and testing and in that way take into account small and medium size enterprises (SME) which is focused in CEN in general (see CEN/CENELEC Guide 17:2010).

Matteo with Kari Lethonen have also remind (or informed) that this point has been discussed several years ago (when BSI has renounced to the TC and when UNI at this turn, has renounced to the TC).

A round table shows that a large majority of the present delegations are agreed with this proposal nevertheless due to the date of circulation of the request (only one week before the meeting) several delegations will not have the official national position.

Nathalie explains the process to be follow to give a favourable outcome to this request accepted in principle by the TC 226.

Both secretariats of CEN/TC 226 and CEN/TC 50 are AFNOR but the secretariat of CEN/TC 50 is not directly AFNOR, it's BNTRA delegated by AFNOR:

1. Agreement of BNTRA to renounced to the secretariat of CEN/TC 50,
2. Find a financial support for this extension of charge of work in TC 226,
3. Agreement of members of CEN/TC 226,
4. CEN/BT decision with an extension of the scope of CEN/TC 226 and a new Business Plan.

The point 3 will only happen if 1 and 2 are satisfied and only if, especially the point 1.

Action:

1. **AFNOR will send a letter to BNTRA to knowing its position (the members of CEN/TC 50 will be probably consult),**
2. **Need to have a financial support for this extension of charge of work (problem of TC 226 secretariat),**
3. **Formal agreement of the CEN/TC 226 members per correspondence,**
4. **Formal request to the CEN/BT for a BT Decision.**

7 – Working group activity reports

7.1 - WG 1 « Road restraint systems », doc. N 1457

Martin Page presents his report with a presentation support reproduce in Annex 3. The work programme of WG 1 consists of:

- EN 1317 series: Deliverables defining requirements, performance classes, impact test acceptance criteria and test methods for the various categories of road restraint system,
- CEN/TR 16303 series: Development of best practices for virtual testing (computational mechanics) related to evaluation of RRS,
- prCEN/TS 16786: Testing standard for Truck Mounted Attenuators (TMA).

He reminds the decision of CEN/TC 226 in June 2014 approval the merging of the EN 1317-1, 2, 3, 4, 5 and 7 into a single standard and to keep in separate document the Part 6 on pedestrian restraint systems

(CEN/TR), and Part 8 on motorcyclist protection systems (CEN/TS) and the transitions (without yet WI number).

As already discussed last year, the number of the merge standard cannot be remaining 1317 as the merging not includes all existing parts.

Note: After negotiation with CCMC, the merging – WI 00226228 - keeps the number 1317 but the revised CEN/TR 1317-6 will change of number as well as the revision of CEN/TS 1317-8.

The content of a CEN standard shall follow the CEN rules (CEN/CENELEC, Internal regulation – Part 3: Rules for the Structure and Drafting) and the specific rules for Construction sector available on the CEN Website/Construction/ [Guidance for specification writers](#) not the preference of a CEN Consultant and/or EC.

WG 1 asks for a preliminary work item (PWI) for the merging of six parts of EN 1317 mentioned above.

→ **CEN/TC 226 Decision 583 (Berlin – 11/2015) – WG 1 - Addition of a pre-Work Item for the merging of EN 1317-1, 2, 3, 4, 5 and 7**

In addition, WG 1 asks for a PWI to develop a CEN/TR on the determination of collision forces transmitted from vehicle restraint systems to bridges.

→ **CEN/TC 226 Decision 573 (Berlin – 01/2015) – WG 1 - Addition of a pre-Work Item for a new CEN/TR "Measurement of bridge deck loads"**

Revision of CEN/TR 1317-6, Pedestrian restraint systems

CEN/TC 226 – WG 1 - prCEN/TR 1317-6 Rev, Road restraint systems - Part 6: Pedestrian restraint system - Pedestrian parapets” - Draft decision D 571c/2015, Adoption of a New Work Item (NWI) & Draft decision D 572c/2015, Launching of the TCA on prCEN/TR

CEN/TS 1317-8 Motorcyclist Protection Systems for Barriers

Last year we have adopted a NWI for the conversion of the CEN/TS into EN but WG 1 wishes at first to revise quickly the TS to put it in line with the "Part 5 and CPR" prior the conversion. In this case the current registered NWI for an EN is transformed in a NWI for new CEN/TS. A NWI for the conversion into EN will be asking as soon as the revised CEN/TS will be available.

→ **CEN/TC 226 Decision 584 (Berlin – 12/2015) – WG 1 – Change of status for WI 00226194**

Virtual Testing (Computational Mechanics)

Despite the four PWI requested last year for the revision of the four CEN/TR 16303-1 to -4, WG 1 asks now a merging of the four Parts to produce an EN.

→ **CEN/TC 226 Decision 585 (Berlin – 13/2015) – WG 1 – Addition of a pre-Work Item to convert and merge CEN/TR 16303-1 to 4 into a single EN**

prCEN/TS 16786, Truck Mounted Attenuators (TMA)

The TCA (Technical Committee Approval) was failed in December 2014. The group works on a revised draft and will ask for a NWI for a second TCA in due time.

The major point: the revised answer to the Mandate M/111, section D

Martin details this important item summarizing the major points as you can see in Annex 3.

He explains that at the occasion with a recent meeting in Brussels, he has spoken, in marge of the meeting, with EC representatives and he sent the draft revised merge standard with explanation to have the feeling and the feedback of the EC which will be follow by a specific meeting.

Depending of the feedback of the EC, the different countries will then take position about the status of the revision of EN 1317. So for now at least, the German proposal, N 1462, receives little support except of Belgium.

In conclusion:

- The most important concerns is in relation with the certification bodies (The list of the Notified Bodies for EN 1317-5:2007+A2:2012/AC:2012 is available on the [EC Website](#))
- If, some countries wish to a withdrawal of this standard of the Mandate, it's to the Member States to act.

Without unanimity, for the time being, the CEN/TC 226 confirms that the revised and merge product standard on RRS keep under Mandate M/111 to deliver a candidate harmonized standard.

In this way or in other way, without an answer to the Mandate accepted by EC, the situation is blocked.

7.2 - WG 2 « Horizontal signs », doc. N 1454

Emiliano Moreno presents his report keeping the presentation of the situation on the revision of EN 1871 for the end.

The report give all the details draft per draft with a memo at the first page.

Drafting of the candidate harmonized standards:

- prEN 1424, Premix glass beads
- prhEN 1463-3, Active road studs

Revision of standards of more than 5 years:

- EN 1871:2000, Physical properties"
- EN 1436:2007+A1:2008, Road marking performance for road users
- hEN 1463-1:2009, Retro-reflecting road studs-Part 1: Initial performance requirements",
- EN 1463-2:0000 Retro-reflecting road studs-Part 2: Road test performance specifications"

EN 1790: 2013, Preformed road markings

Emiliano has provided explanations and justifications on the two points "incriminated": Luminance factor β in dry conditions and UV resistance.

EN 1790 is on the first draft delegated act discussed at the meeting of Advisory Group in January 2015 but the reference is not yet cited in the OJEU.

prCEN/TR on conditions for removing/masking road markings

With the decision 565c/2015, the members of CEN/TC 226 has approved the launch of the TCA what it will do as soon as the Figures will be available in CEN Format.

The rest of the activities of WG 2 are detailed in the report of Emiliano Moreno who requests six decisions by the CEN/TC 226:

→ CEN/TC 226 Decision 574 (Berlin – 02/2015) – WG 2 - Tolerance of 9 months for prEN 1424 Rev

→ CEN/TC 226 Decision 575 (Berlin – 03/2015) – WG 2 - Tolerance of 9 months for prEN 1463-2 Rev

→ CEN/TC 226 Decision 576 (Berlin – 04/2015) – WG 2 - Tolerance of 9 months for prEN 1463-3

→ CEN/TC 226 Decision 577 (Berlin – 05/2015) – WG 2 - Addition of a pre-Work Item for the revision of EN 1463-1: 2009

→ CEN/TC 226 Decision 578 (Berlin – 06/2015) – WG 2 - Addition of a pre-Work Item for the revision of EN 1871: 2000

→ CEN/TC 226 Decision 579 (Berlin – 07/2015) – WG 2 - Addition of a pre-Work Item for the revision of EN 12802: 2011

Revision of EN 1871, Road marking materials - Physical properties

Emiliano presents his report on the analysis of the answers of the countries which have answered to the questionnaire with the summary in the table on the last page.

This analysis shows that there is no consensus. With these maps, this matrix, Emiliano asks what we can do now.

Julien Vick presents the French paper, N 1468, supported mainly by the Czech Republic and Germany who does not want a clear position, as this is the time and money lost.

Uwe Ellmers reminds that as the Mandate come from EC, it's now to the Member States to propose to SCC to change the Mandate.

Emiliano stresses that it is a non-sense to continue as long as the technical/political problems are not solved because any consensus is impossible.

In any case, we cannot have the solution at the CEN/TC 226 level and we cannot provide a harmonized standard, thus as proposed by Jacques Van den Hoorn (NL), we can do:

- 1) Provide a statement to the CEN/BT,
- 2) Suggest that the Members States (at least Czech Republic and France) requests to SCC a modification of the Mandate M/111.

In conclusion, as long as technical/political issues are not solved, CEN/TC 226 decides to continue the revision of EN 1871:2000 without Annex ZA and approves the following decision:

→ CEN/TC 226 Decision 590 (Berlin – 18/2015) – WG 2 – Future of revision of EN 1871

7.3 - WG 3 « Vertical signs », doc. N 1458

Sandra Jacobi presents her report with the slow progress of the EN 12899 series. Some requirements are missing in the current standards and now CPR shall be taking into account also.

In fact, it is not easy to find classes and it's for that reason that WG 3 asks to TC 226 to have a guide for classes and threshold value. See discussion of point 6.1 and the later Convenors meetings in Brussels.

Michel asks about the Spanish request on delineator 2 / 3 years ago as the scope of the old standard (Part 3) is not clear on this product. Sandra answers that the PT involved concerns about Spanish question and works on a revision of the scope.

Part 6, Retroreflective sheeting, failed calendar

And this point is not possible to find an agreement on classes, and then two possibilities are offers:

- to continue to try to find a solution,
- to ignore for the current revision the Part 6 and revised the rest without it.

WG 3 will discuss and decide at the next meeting of WG 3 on 22/23 September 2015.

Kai Sorensen, the leader of the PT on the Part 6 explains more in detail the situation for these products.

The two technologies: glass beads and microprismatics are to 50/50 on the market depending of the countries. It states that it is difficult to find classes that satisfy both the regulatory authorities and all manufacturers.

EN 13422 Rev, Portable deformable warning devices and delineators - Cones and cylinders

It turned out the first and second Round Robin Tests brought no reliable data and the Project Team therefore decided to launch a third Round Robin Test, which is on-going. The results of the 3rd Round Robin Test are expected by summer 2015 and will be discussed at a PT meeting in autumn 2015.

7.4 – WG 4 “Traffic Control”, N 1459

David Overton presents his report. This working group is tasked with the review of:

- **FprEN 12368 Rev**, Signal heads approved to the UAP on 2014-12-10.
Even so, some late editorial and technical comments have been received. CMMC have reviewed all comments received after the vote and have accepted those where there is a clear editorial correction to be made. Other editorial comments which are not so clear have been passed back to WG4 for resolution. The technical comments have been rejected by CMMC because they are out of time.

A preliminary new work item has been requested so that the technical comments can be considered for the next revision to the standard.

➡ **CEN/TC 226 Decision 580 (Berlin – 08/2015) – WG 4 - Addition of a pre-Work Item for the revision of EN 12368:2015**

- **prEN 12352 Rev**, Warning and safety light devices. The CEN Enquiry was closed on 2015-05-05
WG 4 is now considering all the comments received to provide a revised draft for the Formal Vote.
- **prEN 12675 Rev**, Functional safety requirements, not covered by the Mandate M/111. The draft is currently submitted to the CEN Enquiry until 2015-07-26.

Urban ITS

WG 4 has considered the implications of this proposal that a standard should be drawn up to cover Urban ITS (Intelligent Transport Systems). It was noted that whilst at this time there was not a work group in

existence, there was an intention to start a work stream to develop this area of standardization, and the feeling within the group was that where these future standards might develop interfaces to traffic controllers, or where such standards might need to consider the human factors involved in traffic management/control, there were concerns that areas/ topics might get overlooked, and that the expertise and experience within CEN/TC 226/WG 4 may need to be consulted. It was therefore agreed to keep a watching brief on this programme and in the future set up liaison with the group tasked with developing those standards to ensure cooperation and collaboration.

WG 4 works closely together with CLC/BTTF 69-3 "Road Traffic Signal Systems" also managed by David Overton. The main task of BTTF 69-3 is the revision of EN 50556 Road Traffic Signal Systems which is used in conjunction with EN 12368 and EN 12675 to set out the requirements or traffic signal installations.

WG 4 is also in liaison with CEN/TC 278/WG 16, Intelligent transport systems/Cooperative ITS and ISO/TC 204/WG 18, Intelligent transport systems/Cooperative systems.

7.5– CEN/TC 169/WG 12 Joint Working Group with CEN/TC 226, Road lighting, N 1455

Kai Sørensen presents his report, the same as the last year and the year before because the standards are always in revision but the work has been now completed.

The most important for CEN/TC 226 is to remain watchful on the status of the part 1 of 13201-1, part on which we fought "violently" in the 1990s, reason why it is today still a CEN/TR. We can have trust because the convenor of the sub-group "CEN/TR 13201-1 Road lighting - Part 1: Selection of lighting classes" is always Pentti Hautala (ex-convenor of WG 10).

Thus, our task is a control of this standard and mainly the Part 1.

7.6 - WG 6 « Traffic noise reducing devices », N 1460

Jean-Pierre Clairbois presents his report. The structure of the standards of this group:

- Product standard prEN 14388 Rev, Road traffic noise reducing devices – Specifications
This revision has been approved by UAP last November 2014; however, the proofing procedure has shown some evident mistakes ("copy and paste mistakes" in tables 1-5, and ZA1.2 to ZA1.5 due to the many changes requested from the various CEN consultants during years of revision).
The correction will be made before the ratification by a BT Decision at the request of AFNOR.
- Test method for determining the acoustic performance, EN 1793 series:
 - prEN 1793-1 Rev, Intrinsic characteristics of sound absorption under diffuse sound field conditions.
The draft revision is currently submitted to the CEN Enquiry until 01-09-2015.
 - prEN 1793-2 Rev, Intrinsic characteristics of airborne sound insulation under diffuse sound field conditions.
The request for the addition of a NWI is in course, see doc. N 1472 – CEN/TC 226 – Draft Decision D569c/2015 - WG 6 – Adoption of a New Work Item (NWI), prEN 1793-2 Rev, Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 2: Intrinsic characteristics of airborne sound insulation under diffuse sound field conditions **until 2015-07-10**
 - prEN 1793-5 (conversion of the current CEN/TS): In situ values of sound reflection under direct sound field conditions.

The finalize draft is currently submitted to the members of CEN/TC 226 before its sending to CCMC for the Formal Vote, see Doc. N 1464 - CEN/TC 226 – Draft Decision D568c/2015 - Launching of the Formal Vote on prEN 1793-5, Road traffic noise reducing devices —Test method for determining the acoustic performance – Part 5: Intrinsic characteristics – In situ values of sound reflection under direct sound field conditions, WI 00226202 **until 2015-07-05**

- prEN 1793-6 Rev, In situ values of airborne sound insulation under direct sound field conditions.

The request for the addition of a NWI is in course, see doc. Doc. N 1473 – CEN/TC 226 - Draft Decision D570c/2015 - WG 6 – Adoption of a New Work Item (NWI), prEN 1793-6 Rev, Road traffic noise reducing devices - Test method for determining the acoustic performance - Part 6: Intrinsic characteristics - In situ values of airborne sound insulation under direct sound field conditions **until 2015-07-10**

- Test method for determining the non-acoustic performance, EN 1794 series

- EN 1794-1, Mechanical performance and stability requirements.

WG 6 finally decided to remove any concern about the design: those last decided important changes request longer time and an additional delay of 6 months is kindly asked by the CEN/TC 226.

➔ **CEN/TC 226 Decision 582 (Berlin – 10/2015) – WG 6 – Tolerance of 9 months for prEN 1794-1 Rev**

- EN 1794-3, Reaction to fire. This Part was finalized after the CEN Enquiry. As soon as the WG 6 will provide the outcome of each comment (Doc. N 1433), the members will consult on the finalize draft prior to send it to CCMC for the Formal Vote.

- Procedures for assessing performance, EN 14389 series:

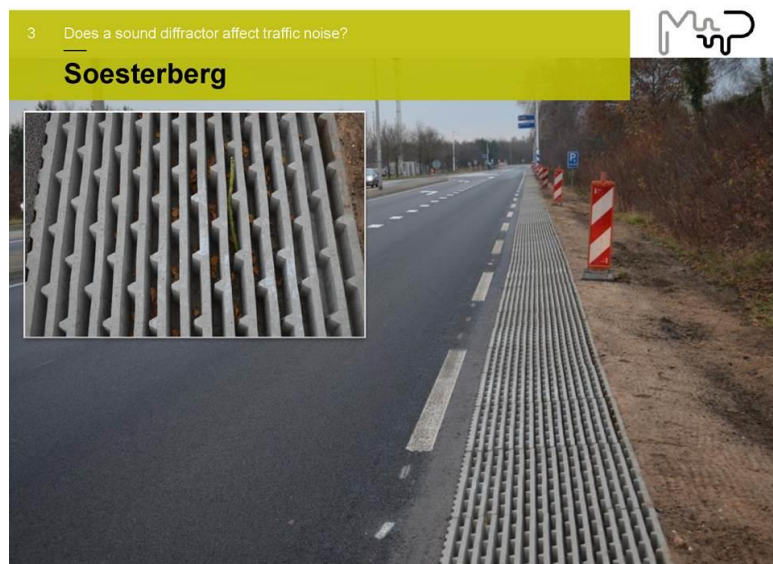
- prEN 14389-1 Rev, Acoustical characteristics,
 - prEN 14389-2 Rev, Non-acoustical characteristics,
- Both EN have been approved and then ratified in May 2015.

- Sustainability of noise reducing devices.

WG 6 is confident to finalize this draft soon for starting the CEN Enquiry.

Jean-Pierre informs that the work done for this draft can be used by other WGs.

To conclude, Jean-Pierre has a question to the TC: to which TC does this product belong?



To venture a response the TC members would need a description of the product: is it a part of the road or road equipment?

7.7 - WG 9 «Clockwork parking meters and automatic car park ticket dispensers», N 1451

Thierry Brusseaux presents his report updated with the last meeting of WG 9 held on 19/20 May 2015 and reported that WG 9 asks for an update of the title and the scope of the revised standard because of the title and the scope of the EN in force are too restrictive in regards with the current technologies– in line with the change of the title of WG 9 decided last year -.

→ **CEN/TC 226 Decision 581 (Berlin – 09/2015) – WG 9 – Change of title and scope of prEN 12414 Rev**

Two liaisons established for a better efficiency of WG 9, both performed by Thierry until to find candidate(s) for taking them in charge within experts of WG 9:

- CEN/TC 224, "Personal identification, electronic signature and cards and their related systems and operations",
- CEN/TC 278, "Road transport and traffic telematics",

are not active today because not specific items in relation now.

The blocking points have been discussed during the last meeting of May with an agreement on autonomy, and more or less on accessibility. Rest the security to be concluded and the test procedures.

Thierry thinks that four meetings of WG 9 are still needed to finalize the draft and he is confident to have it in one year.

7.8 - WG 10 « Passive safety of support structures for road equipment», N 1453

Henry Kamdem presents his report and reminder that the prEN 12767 has been submitted to the CEN Enquiry from 2013-09-05 to 2014-02-05. WG 10 is confident to be able to propose the draft resulting from the CRMs for submission to formal vote by the end of June 2015.

He focuses on the point related to the bogie vehicle which will be for both standards of WG 10 and WG 1.

He confirms that he renounce to his mandate of convenor of WG 10 after this meeting. The members of CEN/TC 226 thank him for the job done during two years.

Note: Appeal to NSB for candidate nomination(s) for a new convenor of the CEN/TC 226/WG 10 "Passive safety of support structures for road equipment", see doc. N 1470. The candidacies shall be sent to the secretary of CEN/TC 226 with a resume of the candidate and the commitment of one NSB to be at least PSS.

7.9 - WG 11 "Variable messages signs (VMS)", doc. N 1456

Wolfgang Ernst presents his report related EN 12966:2014, WI 00226186, Road vertical signs - Variable message traffic signs.

As the standard is available (DAV) since 2014-12-10, the WG 11 WG 11 has no activity for the time being.

Apparently, the EN 12966 hasn't yet evaluated by the EC services and we haven't yet any feedback for its citation at the OJEU.

A discussion is engaged about the temporary and/mobile devices.

For VMS (Variable message signs), TC 226 have ask to no longer exclude temporary and/or mobile VMS of the scope of the standard and the scope of Annex ZA, see doc. N 1318, B.4.3, 3. What the EC agreed, see doc. N 1370.

David Overton noted that the situation is very similar for the WG 4' standards.

Uwe Ellmers reminds that the CPR covered only permanent devices and with the EC acceptance for VMS, the EC has created jurisprudence for circulation fixtures and more.

CPR, Article 2, Definitions:

1. 'construction product' means any product or kit which is produced and placed on the market for incorporation in a permanent manner in construction works or parts thereof and the performance of which has an effect on the performance of the construction works with respect to the basic requirements for construction works;

As we cannot decide anything in plenary, Michel Bry proposes that the WGs impacted by this question and mainly WG 4 send a detailed letter to the secretariat of the TC for circulation to the members of CEN/TC 226 to collect the opinion of each member on this matter.

The objective would be to have the results before the convenors meeting in fall 2015 (November / December) to discuss this matter on this occasion.

8 – Liaisons with other CEN Technical Committees and European organisations

This point was not dealt due to the absence of report and the non-participation to the meeting of some liaison officers, as follow:

8.1 CEN/TC 50 "Lighting columns and spigots", *Frédérique Rigah*,

Frédérique Rigah not attending to the meeting and no report.

See also point 6.3

8.2 CEN/TC 224 "Personal identification, electronic signature and cards and their related systems and operations", *Thierry Brusseaux*

No specific report, see item 7.7

8.3 CEN/TC 229, **Precast concrete products**

Johan Horckmans not attending to the meeting and no report.

8.4 CEN/TC 278 "Road transport and traffic telematics" *Thierry Brusseaux*

No specific report, see item 7.7

8.5 CEN/TC 350 "Sustainability of construction works", *Dr. Crina Oltean-Dumbrava*

Crina Oltean-Dumbrava not attending to the meeting and no report.

8.6 CEN/TC 351 "Construction Products – Assessment of release of dangerous substances", *Williams Smith*

Williams Smith not attending to the meeting and no report

8.7 ISO/TC 204 "Intelligent transport systems"
No specific report, see point 7.4

Note: each liaison officer will separately contact because the situation cannot remain as well.

9 - Miscellaneous

Nil-

10 - Date and location of the next meeting

Julien Vick offers to invite the next meeting in **Paris**, which was accepted with pleasure.

The next meeting of CEN/TC 226 will be held on **16 and 17 June 2016**.

See **Annex 4** for the location of the meetings of CEN/TC 226 since the first meeting in 1990.

11 – Approval of the decisions

Eighteen decisions, numbered 573 to 590, were adopted at the meeting.

The decisions are set out in each of the items above and in document **CEN/TC 226 N 1475**.

12 – Closure of the meeting

Michel Bry thanked all the delegates for their contributions and especially the German delegates for the nice diner* Thursday evening and Lilian for her dynamic and perfect organization.

* To know more on this [Funkturn Restaurant](#)

Nathalie Girardot/Michel Bry

List of Decisions taken at the 26th CEN/TC 226 meeting held on 11/12 June, 2015 in Berlin

Number	Title
D 573 (01/2015)	WG 1 - Addition of a pre-Work Item for a new CEN/TR "Measurement of bridge deck loads"
D 574 (02/2015)	WG 2 - Tolerance of 9 months for prEN 1424 Rev
D 575 (03/2015)	WG 2 - Tolerance of 9 months for prEN 1463-2 Rev
D 576 (04/2015)	WG 2 - Tolerance of 9 months for prEN 1463-3
D 577 (05/2015)	WG 2 - Addition of a pre-Work Item for the revision of EN 1463-1: 2009
D 578 (06/2015)	WG 2 - Addition of a pre-Work Item for the revision of EN 1871: 2000
D 579 (07/2015)	WG 2 - Addition of a pre-Work Item for the revision of EN 12802: 2011
D 580 (08/2015)	WG 4 - Addition of a pre-Work Item for the revision of EN 12368:2015
D 581 (09/2015)	WG 9 - Change of title and scope of prEN 12414 Rev
D 582 (10/2015)	WG 6 – Tolerance of 9 months for prEN 1794-1 Rev
D 583 (11/2015)	WG 1 - Addition of a pre-Work Item for the merging of EN 1317-1, 2, 3, 4, 5 and 7
D 584 (12/2015)	WG 1 – Change of status for WI 00226194
D 585 (13/2015)	WG 1 – Addition of a pre-Work Item to convert and merge CEN/TR 16303-1 to 4 into a single EN
D 586 (14/2015)	WG 1 – Deletion of PWI 00226209, prCEN/TR 16303-1
D 587 (15/2015)	WG 1 – Deletion of PWI 00226208, prCEN/TR 16303-2
D 588 (16/2015)	WG 1 – Deletion of PWI 00226210, prCEN/TR 16303-3
D 589 (17/2015)	WG 1 – Deletion of PWI 00226211, prCEN/TR 16303-4
D 590 (18/2015)	WG 2 – Future of revision of EN 1871

List of Annexes of these minutes

Annex	Title	Ref. point
Annex 1	Attendance List	2.
Annex 2	CPR 08-4-1 REV1 Draft CEN Mandate classes+thresholds	6.1
Annex 3	Presentation of Martin Page, WG 1	7.1
Annex 4	Plenary meeting of CEN/TC 226 - Meetings held from 1990 to 2016	10.

List of documents related to these minutes

Document	Title	Ref. point
N 1475	Decisions taken at the 26th CEN/TC 226 meeting, Berlin 11, 12, June 2015	2.
N 1476	Template Annex ZA for CPR, TF N 687 Rev1 – 2015-06-02	6.1
N 1478	General Power Point presentation during the meeting	All
N 1479	CEN Guide 4, Guide for addressing environmental issues in product standards	6.2

Annex 1
Attendance List



Assignment of Exploitation Rights

Including the 'List of Participants'

Dates of meeting: **11 & 12 June, 2015**

Place of meeting: **BERLIN**

CEN/TC 226

Title: Road Equipment

Secretariat: Nathalie GIRARDOT

Country: France

NSO: AFNOR

Chairman: Michel BRY

Country: France

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Date : 11 & 12 June, 2015				Place: BERLIN			
CEN/TC 226							
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CONSULTANT CPD							

Annex 2

Document CPR 08-4-1 Rev1 (February 2015) Draft CEN Mandate as regards the introduction of threshold levels and/or classes of performance in harmonised standards for construction products

COMMISSION IMPLEMENTING DECISION

of **XXX**

on a standardisation request to the European Committee for Standardisation and to the European Committee for Electrotechnical Standardisation as regards the introduction of threshold levels and/or classes of performance in harmonised standards for construction products

(Text with EEA relevance)

COMMISSION IMPLEMENTING DECISION

of **XXX**

on a standardisation request to the European Committee for Standardisation and to the European Committee for Electrotechnical Standardisation as regards the introduction of threshold levels and/or classes of performance in harmonised standards for construction products

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonized conditions for the marketing of construction products and repealing Council Directive 89/106/EEC¹, and in particular Article 17 thereof,

Having regard to Regulation (EU) No 1025/2012 of the European Parliament and of the Council of 25 October 2012 on European standardisation amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision No 1673/2006/EC of the European Parliament and of the Council², and in particular Article 10(1) thereof,

Whereas:

Article 17(1) of Regulation (EU) No 305/2011 provides that the Commission should call on the European standardisation organisations to establish harmonised standards on the basis of standardisation requests issued by the Commission in accordance with Article 6 of Directive 98/34/EC after having consulted the Standing Committee on Construction referred to in Article 64 of that Regulation

Directive 98/34/EC has been amended by Regulation (EU) No 1025/2012 and the procedure for adopting standardisation requests is now laid down in Article 10(2) of that Regulation.

In accordance with Article 27(2) of Regulation (EU) 305/2011, second paragraph, where classes of performance in relation to the essential characteristics of construction products are not established by the Commission, they may be established by the European standardisation organisations in harmonised standards, on the basis of a revised mandate.

In accordance with Article 27(3) of Regulation (EU) 305/2011, when provided for in the relevant mandates, the European standardisation bodies shall establish in harmonised standards threshold levels in relation to essential characteristics and, when appropriate, for intended uses, to be fulfilled by construction products in Member States. The intention to

¹ OJ L 88, 4.4.2011, p. 5

² OJ L 316, 14.11.2012, p. 12

request the elaboration of harmonised standards for construction products is stated in point 2.2 of the annual Union work programme for European standardisation for 2015³.

The Commission has already addressed to CEN/Cenelec a number of mandates under Regulation (EU) 305/2011 requesting the elaboration of harmonised standards for construction products.

There is a need to complement the previous standardisation requests in order allow the review of the threshold levels and/or classes of performance established in existing harmonised standards and the establishment of new threshold levels and/or classes of performance in new harmonised standards.

The Commission has established guidelines for the execution of standardisation requests and the European standardisation organisations have agreed to apply those guidelines when executing standardisation requests.

The European standardisation organisations, the European stakeholder organisations receiving Union financing and the Standing Committee on Construction have been consulted.

The European Committee for Standardisation (CEN), the European Committee for Electrotechnical Standardisation (Cenelec) have indicated that the work covered by the request falls under the scope of these organisations.

The measures provided for in this Decision are in accordance with the opinion of the Committee established by Article 22 of Regulation (EU) No 1025/2012.

HAS ADOPTED THIS DECISION:

Article 1 Requested standardisation activities

The European Committee for Standardisation (CEN) and the European Committee for Electrotechnical Standardisation (Cenelec) are requested to examine the need to introduce new threshold levels and/or classes of performance in new or revised harmonised standards under the Regulation (EU) 305/2011 and to submit justified and detailed proposals thereof to the Commission for its acceptance. CEN and Cenelec shall introduce in new or revised harmonised standards new threshold levels and/or classes of performance only after receiving the Commission's acceptance to their proposals according to Article 4 of this Decision.

Article 2 Establishment of the work programme

CEN/Cenelec shall each, no later than xx.xx.201x [9 months after the notification of this Decision by the Commission], submit a work programme in the form of a table for the introduction of new threshold levels and/or classes of performance in harmonised standards on construction products already cited in the Official Journal of the European Union and in new harmonised standards for construction products which are expected to be developed in the framework of existing mandates under Regulation (EU) 305/2011 listed in Annex II of this Decision. The procedure will also

³

COM(2014)500 final of 31 July 2014

apply to any future mandates to establish harmonised standards on construction products under Regulation (EU) 305/2011.

The work programme shall indicate all existing and new harmonised standards for which the introduction of threshold levels and/or classes of performance is considered necessary, the responsible technical bodies and a realistic timetable for the execution of the work.

Article 3 - Acceptance of the work programme

The Commission will consult the Standing Committee on Construction on the proposed work programme and will afterwards communicate to CEN and Cenelec to what extent the proposed work programme is acceptable.

The accepted work programme may be revised annually by applying the same procedure and following a CEN and/or Cenelec proposal to the Commission.

CEN and Cenelec may implement changes to the accepted work programme only after consulting the Commission and where the Commission agrees on the changes, after informing the Standing Committee on Construction.

Article 4 Execution of the work foreseen in the work programme

CEN and Cenelec shall follow the accepted work programme including any accepted amendments thereto.

CEN and Cenelec shall provide the Commission with the information as requested in Annex I to this Decision for each standard for which threshold levels and/or classes of performance are envisaged in the accepted work programme.

Within 4 months from receipt of the CEN and/or Cenelec proposals and after consulting the Standing Committee on Construction with the view to ensure absence of discrimination against construction products and that Article 27(7) is duly respected by CEN and Cenelec, the Commission shall communicate to CEN and Cenelec the accepted threshold levels and/or classes of performance.

CEN and Cenelec will introduce in the standards those threshold levels and/or classes of performance accepted by the Commission following the examination of the CEN and Cenelec proposal.

Article 5 Reporting

CEN and Cenelec shall each report annually to the Commission on the execution of the request referred to in Article 1. The report may include proposals to the Commission to amend the accepted work programme.

CEN and Cenelec shall submit to the Commission their first annual report not later than 12 months after the acceptance of the work programme by the Commission.

Article 6 Harmonised standards

CEN and Cenelec shall include in each harmonised standard a clear and precise indication with regard to essential characteristics and the thresholds and/or classes of performance

adopted in the standards. Each harmonised standard developed on the basis of the request referred to in Article 1 shall have a reference to this Commission Implementing Decision.

CEN and Cenelec shall include in each revised or amended harmonised standard information concerning significant changes that were introduced by it.

Article 7 Expiration

If this standardisation request is not accepted by any of the European standardisation organisations referred to in Article 1, it shall be considered expired.

The request referred to in Article 1, if accepted, amends all existing standardisation requests under Directive 89/106/EEC and Regulation (EU) 305/2011 listed in Annex II to this Decision.

Article 8 Addressees

This Decision is addressed to the European Committee for Standardisation and the European Committee for Electrotechnical Standardisation.

Done at Brussels,

For the Commission

[\[...\]](#)

Member of the Commission

Annex I: Elaboration of a CEN or Cenelec proposal for the introduction of threshold levels and/or classes of performance in harmonised standards for construction products

The purpose of this annex is to address requirements to CEN and Cenelec on how to prepare and communicate to the Commission their proposals for new threshold levels and/or classes of performance (including pass/fail criteria⁴) to be contained in new or revised harmonised standards.

The threshold levels and/or classes of performance referred here are new threshold levels and/or classes neither existing in harmonised European standards nor already defined in legal acts of the European Commission. Any changes to threshold levels and/or classes defined in already adopted legal acts of the European Commission will be made by amendments to the existing relevant legal acts and are not covered by this Decision.

When elaborating a new harmonised standards or revising existing harmonised standards CEN and Cenelec may come up with a need to establish threshold levels and/or classes of performance in relation to essential characteristics of construction products.

In this context it is necessary to underline that, according to the explicit wording of Article 27(7) of Regulation (EU) 305/2011, CEN and Cenelec when implementing the request referred to in Article 1 of this Decision are to respect the regulatory needs of Member States when determining threshold levels or classes of performance. Furthermore threshold levels may not discriminate against products which are legally placed on the market of the European Union.

Before agreeing on the specific proposals to introduce threshold levels and/or classes of performance in a standard according to the accepted work programme, the Commission needs a robust factual and technical information base with appropriate justifications to proceed with the decision making. The following requirements have been drawn up to cater for this need.

When CEN and Cenelec has advanced to consider new threshold levels and/or classes of performance and as soon as they consider appropriate, CEN and Cenelec shall submit to the Commission services their specific proposal comprising:

- The accurate description of the new threshold levels and/or classes of performance proposed together with the appropriate justification for the proposal
- any information already available to the Technical Committee about the views of Member States, SMEs and other stakeholders on the proposal;
- For new thresholds levels proposed any information already available to the TC on products which would be excluded by the harmonised standard in case of application of the threshold levels proposed;
- If available, the views of the relevant CEN/Cenelec consultant on the proposal.

⁴ Pass/fail criteria are usually defining threshold levels and should be treated as such. Tolerances are not considered "classes" because they serve a different function. The rules on the use of tolerances in the assessment of the product performance are expected to be included in the relevant assessment EN or in the relevant clause of the harmonised standard.

Annex II: List of mandates revised by this request

Mandate	Title
M100	Precast concrete products
M101	Doors, windows
M102	Membranes
M103	Thermal insulating products
M104	Structural bearings
M105	Chimneys
M106	Gypsum products
M107	Geotextiles
M108	Curtain walling
M109	Fixed fire-fighting equipment
M110	Sanitary appliances
M111	Circulation fixtures
M112	Structural timber products and ancillaries
M113	Wood based panels
M114	Cement
M115	Reinforcing steel
M116	Masonry products
M118	Waste water disposal products
M119	Floorings
M120	Structural metallic products and ancillaries
M121	Wall and ceiling finishes
M122	Roof coverings
M124	Road construction products
M125	Aggregates
M127	Adhesives
M128	Concrete, mortar & grout
M129	Space heating appliances
M131	Pipes, tanks not in contact with drinking water
M135	Glass products
M/443	Power, Control and Communication cables
M/474	Sealants for non-structural use in joints in buildings and pedestrian walkways
M/489	ETICS

Annex 3
Presentation of Martin Mage,
WG 1 report

WG1 Work programme

- Deliverables defining requirements, performance classes, impact test acceptance criteria and test methods for the various categories of road restraint system (EN 1317)
- Development of best practices for virtual testing (computational mechanics) related to evaluation of RRS
- Testing standard for Truck Mounted Attenuators (TMA)

Merged Standard for RRS

- TC 226 meeting 2014 - approval to merge parts 1,2,3,4,5 and 7 into single standard
- Separate documents (TR, TS) for pedestrian restraint systems, motorcyclist protection systems and transitions
- Initial draft of merged standard written
- Advice sought from TC:** is the reference of the document expected to change?

Work in progress on Part 5: Product requirements, test and assessment methods and acceptance criteria

- Sent to CEN enquiry prior to decision to merge parts
- Resolution of comments from enquiry has continued on separate Part 5 – to be merged with other parts after content finalised
- Further advice from consultant taken into account – resulting draft causing concern about acceptability of standard – **advice sought from TC**

WG1 requests a preliminary work item to work on this European standard (prEN), merging of parts 1,2, 3, 4, 5 and 7 of EN 1317 "Road restraint systems"

Agreed title:

"Vehicle restraint systems – Product characteristics, assessment/test methods"

Agreed Scope:

"This European Standard specifies characteristics, test and assessment methods, and methods for verification of constancy of performance for all kinds of the following permanent vehicle restraint systems:

- safety barriers including bridge parapets
- crash cushions,z
- terminals,
- removable barrier sections.

This European Standard does not cover:

- transitions,
- pedestrian restraint systems including pedestrian bridge parapets,
- motorcyclist protection systems for safety barriers,
- temporary vehicle restraint systems."

Proposed guidance document

- May be need for non-normative guide to use of merged standard
- If need to remove some parts of standard due to CPR rules – put them in this guide

NOTA BENE – transferring parts of standard to informative guide NOT seen as acceptable solution. Only last resort if cannot keep in standard. It is clear that this guide will not have same weight as standard.

Will need pNWI, but wait for clarification on expected content before writing title and scope

Determination of collision forces transmitted from vehicle restraint systems to bridges

- Ad hoc group gathered information on methods and practices around Europe
- WG 1 proposes to write CEN Technical Report on this issue

preliminary work item requested to work on this CEN Technical Report (prCEN/TR)

Agreed title:

"Determination of collision forces transmitted from vehicle restraint systems to bridges"

Agreed scope:

"This CEN Technical report gives guidance on principles and methods to determine the forces due to the collision of an errant vehicle with a vehicle restraint system in bridge design and classify vehicle restraint systems with load."

Corrigendum TR 1317-6 Pedestrian Restraint Systems

- Editorial work identified and implemented
- Submitted to TC 226 secretariat
- Corrigendum only within 3 yrs of publication

Advice sought from secretariat: revision? corrigendum?

TS 1317-8 Motorcyclist Protection Systems for Barriers

Work towards upgrading to EN is ongoing according to WI 00226194 (decision 463) taken in 2014

Work will not be completed before merging of EN 1317 parts

Therefore, before working on content and possible upgrade to EN, need to restructure and give new reference (since the rest of EN 1317 will no longer exist)

Advice sought from TC: New PNWI for new reference number and restructured TS?

Virtual Testing (Computational Mechanics)

4 PWIs approved to revise 4 TRs in line with VT guidelines in prEN 1317-5

Since thought not possible to keep VT best practices in EN 1317-5, WG1 decide to **request PNWI for EN on best practices for VT**.

However, obligation to remove from EN 1317-5 to be confirmed.

Whether or not VT annexes removed from EN 1317-5, dedicated EN on VT may be best course of action.

Agreed title:

"Road restraint systems - Guidelines for computational mechanics of crash testing against vehicle restraint system«

Agreed scope:

"This European standard defines the accuracy, credibility and confidence in the results of virtual crash test to roadside safety devices through the definition of procedures for verification, validation and the development of numerical models for roadside safety application."

TMA Technical Specification

- prCEN/TS 16786 submitted to TCA in 2014
- negative TCA result (65,19% of weighted percentage of EEA Members approved - requirement =71 %)
- 99 comments received - examined and new updated draft being prepared
- Once updated draft available, **request for NWI** for submission to second TCA

Revision to answer to M111

- New draft presented to WG1
- CEN consultant requested further changes
- Additional clarification was sought from EC
- New proposal can be sent to WG1 experts following TC 226 meeting Berlin
(clarification needed from TC concerning continued development of standard – see following)

EN 1317-5 Fundamental Issues to Address

Background

- Draft submitted to consultant for informal review and feedback
- Advice includes removal of certain key sections of draft – responsibility of certification bodies
- WG1 considers CBs may not have enough field specific knowledge / experience to make correct decisions without normative requirements = possibility of dangerous installations due to poor product evaluation
- Majority of WG1 experts expressed opinion that their MS would reject draft if at least some of the outstanding issues were not resolved.

Fundamental points to be discussed with
EU Commission

hEN1317-5

Revised hEN1317 situation

- Several **WG1 experts** expressed the opinion that **their respective member states would not be** prepared to approve the revised Standard if the mentioned points are not solved in a normative way

Extended use of **historical data**

- WHY:
 - Market would ask for CE marking based on last version
 - Needed when you expand the range of products or have modifications
- We cannot use the template wording because it requires re-testing if the content of the standard has been changed (e.g. added soil test in test track)

Extended use of historical data (2)

- REASONS:
 - Very expensive test cost (25,000 to 80,000 € each + installation)
 - Limited capacity of test labs (many years needed to repeat all tests)

Define simplified procedure for TT of ranges of versions

EXAMPLE:

- Crash cushion of different length and width (24 combinations x 6 tests = 144 tests for one product)
- Safety barrier with different post spacing

Define simplified procedure for TT of ranges of versions (2)

- REASONS:
 - Cost of testing (as above)
 - Test labs capacity (as above)
 - If different NBs choose terms of the procedure, there could be inconsistency on the market

Normative Control of Materials used in production

- EXAMPLE:
 - Steel SR235JR commonly used does not have upper limit in yield strenght. Test item and actual product could both be *same steel grade* but have *very different yield strenght*
- REASONS:
 - When FPC is left to Producer and NB in absence of normatives, in some cases the above is not taken into consideration
 - Product performances can be very different from TT, even dangerous

Modifications to the Type Tested Product: normative simplified procedures and different methods

- EXAMPLE:
 - Parapet tested on a plinth and asked to be used on bridge deck
- REASONS:
 - According to the type of modification, it can change performances
 - Cost factor for re-testing (see above)

Modifications to the Type Tested Product: normative simplified procedures and different methods (2)

- REASONS:
 - Different methods (e.g. Virtual Tests) available after having performed crash tests (which will validate them)
 - NB can accept different simplified procedures which may cause inconsistency on the market and possible danger

Definition of responsibilities

- Overlap of installation and production, e.g.
 - Post length in soft ground
 - In-situ concrete barrier on slope

Transition between barriers

- Additional information or requirements needed to provide road safety when bridging two barriers

Underlying issue

- not all CBs have knowledge experience necessary to make all decisions
- Market surveillance inadequate

Therefore:

Need for **sufficient normative content**

Further Enquiries

- WG1 has communicated concerns to TC 226
- Recent seminar on CPR organised by CONSTRUCTION PRODUCTS EUROPE

Indications – industry encountering similar problems with CPR – will raise issues with EC

- European Road Federation – position paper April 2015: Improving the functioning of the system of Notified Bodies for vehicle restraint systems
- Meeting EC, ERF, SG04 concerning NBs and market surveillance – concerns of WG1 communicated to EC – further **informal** liaison with EC to follow
(plan meeting and request clear statements from EC)

REMINDER

Classes and thresholds to be approved and cited by Delegated Act by Commission

BUT

Classes and thresholds already in published standards will not be questioned

Commission may issue global Delegated Act instead of individual ones

CONCLUSIONS

- Danger of lower safety levels and distorted market
 - Concerns about some CBs and market surveillance
 - If no confidence in CPR – MS must tell EC and TC
-
- Possibility to try to keep necessary content in standard
 - **WG1 asks whether we should continue current work on hEN**
 - Propose continue informal liaison with EC and consider at next WG1
 - TC could give feedback on problems encountered by WGs

- **Advice sought from TC:** is the reference of the document expected to change? (merged standard)
- Further advice from consultant taken into account – resulting draft causing concern about acceptability of standard – **advice sought from TC**
- **WG1 requests a preliminary work item** to work on this European standard (prEN), merging of parts 1,2, 3, 4, 5 and 7 of EN 1317 "Road restraint systems"
- **preliminary work item requested** to work on this CEN Technical Report (prCEN/TR) – (forces to bridges)
- **Advice sought from secretariat:** revision? corrigendum? (Part 6)
- **Advice sought from TC:** New PNWI for new reference number and restructured TS? (Part 8)
- VT best practices in EN 1317-5, **request PNWI**

- Answer to mandate (clarification needed from TC concerning continued development of standard)



Annex 4

Plenary meeting of CEN/TC 226

Meetings held from 1990 to 2016

Per date	Per country	
1st Paris 03-04 April 1990	Austria	16th Vienna 16-17 June 2005 25 th Vienna 12-13 June 2014
2nd London 17-18 January 1991	Belgium	17 th Namur 29-30 June 2008 24 th Brussels, CCMC 13-14 June 2013
3rd Berlin 30-31 January 1992	Bulgaria	-
4th Milan 23-24 November 1992	Croatia	-
5th Budapest 17-18 June 1993	Cyprus	-
6th Copenhagen 27-28 April 1994	Czech Republic	9 th Prague 9-10 June 1997 21 st Prague 10/11 June 2010
7th Athens 31 May, 01-02 June 1995	Denmark	6 th Copenhagen 27-28 April 1994
8th Stockholm 28-29 May 1996	Estonia	-
9th Prague 9-10 June 1997	Finland	15 th Helsinki 17-18 June 2004
10th Amsterdam 23-24 April 1998	France	1 st Paris 03-04 April 1990 12 th Paris 17-18 May 2001 23 rd Paris 31 May / 01 June 2012 27 th Paris 16-17 June 2016
11th Madrid 18-19 October 1999	Germany	3 rd Berlin 30/31 January 1992 20 th Berlin 04/05 June 2009 26th Berlin 11/12 June 2015
12th Paris 17-18 May 2001	Greece	7 th Athens 31 May, 01-02 June 1995
13th Dublin 17-18 October 2002	Hungary	5 th Budapest 17-18 June 1993
14th Almada 16-17 October 2003	Iceland	-
15th Helsinki 17-18 June 2004	Ireland	13 th Dublin 17-18 October 2002
16th Vienna 16-17 June 2005	Italy	4th Milan 23-24 November 1992 19th Milan 12-13 June 2008
17th Namur 29-30 June 2006	Latvia	-
18th Oslo 14-15 June 2007	Lithuania	-
19th Milan 12-13 June 2008	Luxembourg	-
20th Berlin 04/05 June 2009	Malta	-
21st Prague 10/11 June 2010	Netherlands	10th Amsterdam 23-24 April 1998
22nd Stockholm 16/17 June 2011	Norway	18th Oslo 14-15 June 2007
23 rd Paris 31 May / 01 June 2012	Poland	-
24 th Brussels 13/14 June 2013	Portugal	14th Almada 16-17 October 2003
25 th Vienna 13/14 June 2014	Romania	-
26th Berlin 11/12 June 2015	Slovakia	-
27 th Paris 16/17 June 2016	Slovenia	-
	Spain	11th Madrid 18-19 October 1999
	Sweden	8 th Stockholm 28-29 May 1996 22 nd Stockholm 16/17 June 2011
	Switzerland	-
	Turkey	-
	United-Kingdom	2 nd London 17-18 January 1991