



TECHNICAL BOARD

CEN/BT by correspondence

For vote	Issue date:	2016-10-26
Simultaneous circulation to CENELEC/BT <input type="checkbox"/>	Deadline:	2017-01-24

SUBJECT

Proposal to create a new CEN/TC 'Weighing Instruments'

BACKGROUND

On 13 October 2016, DIN submitted a proposal to CCMC for the creation of a new Technical Committee entitled 'Weighing Instruments', for which the details are provided in Annex 1 to BT N 10522.

The proposal to establish this new Technical Committee should be seen as the opportunity to fulfil the requirements of the Measuring Instruments Directive 2014/32/EU (MID), which covers weighing instruments (all types) and Directive 2014/31/EU (NAWID) which specifically relates to non-automatic weighing instruments.

The proposal in Annex 1 is based on following conclusions from the proposer, supporting the creation of a new CEN/TC 'Weighing Instruments'

- Weighing industry and users need a platform for elaborating European Standards.
- The existing CEN-CENELEC JWG 'NAWI', under CENELEC lead, already deals with non-automatic weighing instruments. However, most of the members have left the group due to other engagements. The development of new European Standards supporting the NAWID Directive is expected to be completed by a new CEN/TC 'Weighing Instruments'.
- For automatic weighing instruments, there are still no European Standards available.
- The work being identified to be in support of European legislation, European Standards on weighing instruments would facilitate the free movement across the Single Market.

The Committee will concentrate primarily on developing European Standards in the following sectors:

- Automatic weighing equipment covered by the MID Directive
- Non-Automatic weighing instruments covered by the NAWID Directive
- Weighing in motion (WIM)
- Symbols for weighing instruments
- Platform scales – bridges of road weighbridges

By Resolution BT C75/2009, BT decided that both of the following criteria are to be met for acceptance of such a proposal for new work (in a new area):

- A two-thirds majority of the votes cast (abstentions not counted) are in favour of the proposal (or more);
- At least 5 members express commitment to participate.

As a consequence, BT Members are requested to state explicitly, by means of the commenting field provided in the BT-balloting tool, whether or not they are committed to participate in the work.

PROPOSAL(S)

BT,

- having considered the proposal for a new field of technical activity submitted by DIN as included in Annex 1 to BT N 10522;
- considering that the following members have expressed commitment to participate:
 - <members>
- decides, pending the agreement of the CEN and CENELEC BTs to the disbandment of the current CEN-CENELEC JWG 'NAWI' and the transfer of EN 45501 'Metrological aspects of non-automatic weighing instruments' to the new CEN/TC xxx 'Weighing Instruments',
 - to create a new Technical Committee, CEN/TC xxx 'Weighing Instruments' with the scope as provided in Annex1 to BT N 10522;
 - to allocate the Secretariat of CEN/TC xxx 'Weighing Instruments' to DIN.

2016-10-24 – CKO



PROPOSAL for a NEW FIELD OF TECHNICAL ACTIVITY or NEW PROJECT COMMITTEE	
Date of circulation	CEN/TC / SC N (where appropriate)
Secretariat	CENELEC/TC / SC (Sec) (where appropriate)
Type of technical body proposed (TC / SC / PC / BTF)	CEN/TC

IMPORTANT NOTE: Incomplete proposals risk rejection or referral to originator.

X The proposer has considered the guidance given in Annexes 1 and 2 during the preparation

Proposal (to be completed by the proposer)

<p>Title of the proposed new subject (The title shall indicate clearly and unambiguously, yet concisely, the new field of technical activity which the proposal is intended to cover.)</p> <p>Weighing Instruments</p>
<p>Scope statement of the proposed new subject (The scope shall precisely define the limits of the new field of technical activity. Scopes shall not repeat general aims and principles governing the work of the organization but shall indicate the specific area concerned.)</p> <p>Standardization in the field of weighing instruments.</p>
<p>Purpose and justification for the proposal.</p> <p>There are two main EC Directives, which affect the weighing industry: Measuring Instruments Directive 2014/32/EU (MID) which covers automatic weighing instruments and Directive 2014/31/EU (NAWID), which relates to non-automatic weighing instruments.</p> <p>For automatic weighing instruments (MI-006), which are covered by the MID, there are still no European Standards available. So far only OIML recommendations are published in the Official Journal 2014/C 76/01. These OIML recommendations were elaborated without involvement of all stakeholders, e.g. weighing industry, users. However, weighing industry and users need a platform for elaborating European Standards to fulfill the requirements of the above mentioned Directives. European Standards on weighing instruments would be developed jointly by all relevant stakeholders and would facilitate the free movement across the Single Market.</p>
<p>Is the proposed new subject actively, or probably, in support of European legislation or established public policy?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, indicate if the proposal is</p> <ul style="list-style-type: none"> ▪ in relation to EC mandate(s):(which one(s)) ▪ in relation to EC Directive(s)/Regulation(s): <p>2014/32/EU Measuring Instruments Directive (MID)</p> <p>2014/31/EU Non-automatic Weighing Instruments Directive (NAWID)</p> <ul style="list-style-type: none"> ▪ in relation to other legislation or established public policy:(give details)

Proposed initial programme of work

The proposed programme of work shall correspond to and clearly reflect the aims of the standardization activities and shall therefore show the relationship between the subject proposed.

Each item on the programme of work shall be defined by both the subject aspect(s) to be standardized (for products, for example, the items would be the types of products, terminology, characteristics, other requirements, data to be supplied, test methods, performance requirements, etc.). Supplementary justification may be combined with particular items in the programme of work (e.g. output from a research project).

The proposed programme of work shall also suggest priorities, target dates and the most appropriate type of deliverable (e.g. EN, TS) for each item

The proposed programme of work comprises the development of ENs according to following priorities:

Automatic weighing equipment covered by the MID Directive:

1. Automatic catchweighers (adopting OIML R 51-1)
2. Automatic gravimetric filling instruments (adopting OIML R 61-1)
3. Discontinuous totalizers (adopting OIML R 107-1)
4. Continuous totalizers (adopting OIML R 50-1)
5. Automatic rail weighbridges (adopting OIML R 106-1)

6. Non-automatic weighing instruments covered by the NAWID Directive:

→ Revision of existing EN 45501 in order to attempt the upcoming version of OIML R 76-1

7. Weighing in motion (WIM)

→ Project FprEN 17019 is at formal vote stage. No active TC

8. Symbols for weighing instruments

(Existing DIN 8125-1 could be used as a starting point.)

9. Platform scales - bridges of road weighbridges

(Existing DIN 8119-5 could be used as a starting point.)

A statement from the proposer as to how the proposed work may relate to or impact on existing work, especially existing CEN, CENELEC, ISO and IEC deliverables.

The proposer should explain how the work differs from apparently similar work, or explain how duplication and conflict will be minimized. If seemingly similar or related work is already in the scope of other committees of the organization, or in other organizations, the proposed scope shall distinguish between the proposed work and the other work. The proposer shall indicate whether his or her proposal could be dealt with by widening the scope of an existing committee or by establishing a new committee.)

For further clarification of requirements of the NAWID under Mandate M/412, CEN/CENELEC JWG "NAWI" under CENELEC lead was established. Most of the original members have either retired or left the group over the course of nine years due to other engagements. In addition, more than 95% of EN 45501 are related to metrological aspects and only 5% of the requirements deal with EMC.

We propose to dissolve the current JWG and to transfer EN 45501 as the only active WI of the JWG to a newly created CEN/TC "Weighing Instruments".

A liaison with CLC/TC 210 will be considered.

A listing of relevant existing documents at the international, regional and national levels. Any known relevant documents (such as standards and regulations) shall be listed, regardless of their source, and should be accompanied by an indication of their significance.

- OIML R 51-1 Automatic Catchweighers
- OIML R 61-1 Automatic Gravimetric Filling Instruments
- OIML R 107-1 Discontinuous Totalizers
- OIML R 50-1 Continuous Totalizers
- OIML R 106-1 Automatic Rail Weighbridges
- EN 45501 Metrological aspects of non-automatic weighing instruments
- FprEN 17019 Weigh-in-Motion of road vehicles - Requirements
- DIN 8125-1 Graphical symbols for weighing - Part 1: Fundamental principles survey
- DIN 8119-5 Platform scales - Part 5: Design loads for bridges of road weighbridges

Known patented items

Yes No If "Yes", see CEN-CENELEC Guide 8 and provide full information in an annex

A simple and concise statement identifying and describing relevant affected stakeholder categories (including small and medium sized enterprises) in particular those who are immediately affected from the proposal (see Annexes 1 and 2) and how they will each benefit from or be impacted by the proposed deliverable(s)

In Europe more than 700 manufacturers of weighing equipment represent 50% of the entire global trade in weighing equipment. They are generating a yearly turnover of 3 billion Euro (2014).

Also national verification and inspection authorities, testing laboratories, metrology institutes and customers need reliable information and standards on weighing instruments.

Liaisons:

A listing of relevant external European or international organizations or internal parties (other CEN, CENELEC, ETSI, ISO and/or IEC committees) to which a liaison should be established (in the case of ISO and IEC committees via the Vienna or Dresden Agreements).

- OIML - International Organization of Legal Metrology
- EURAMET - European Association of National Metrology Institutes
- WELMEC - European Cooperation in Legal Metrology
- CECIP - European Association of the Weighing Industry
- CLC/TC 210

Joint/parallel work:

Possible joint/parallel work with:

- CEN (please specify committee ID)
- CENELEC (please specify committee ID)
- ISO (please specify committee ID)
- IEC (please specify committee ID)
- Other (please specify)

Joint work with CENELEC in the field of EMC.

Name of the Proposer

DIN

Contact person: Hans-Günter Heil (hans-guenter.heil@vdma.org), T: +49 69 6603-1550

An expression of commitment from the proposer to provide the committee secretariat if the proposal succeeds.

DIN is committed to provide the secretariat.

Signature of the proposer



Anja Berndt
German CEN/BT member

Annex(es) are included with this proposal (give details)