

BREAKOUT SESSION

CEN Case studies: Machinery – CPR

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Structure

1. New template for Annex ZA/ZZ (revised Guide 414)
2. Dating of normative references
3. Parallel work
4. Date of cessation of presumption of conformity of the superseded standard
5. HAS Consultants for machinery

1. Revised Guide 414 (1)

New template for Annex ZA/ZZ

5 possible options according to Guide 414 (link: [here](#))

the options **A1**, **A2**, **B1**, **B2** consisting of a one line table can be used on the condition that:

- the standard contains a list of significant hazards;
- a dedicated remark must be put in 3rd column of the table on the link to the list of significant hazards of a given standard + Annex D of Guide 414.

1. Revised Guide 414 (1)

New template for Annex ZA/ZZ

Table Z....1 – Correspondence between this European Standard and Annex I of Directive 2006/42/EC

Essential Requirements of Directive	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
<p><i>Option A.1:</i> <i>Within the limits of the scope <u>all relevant essential requirements are covered</u></i></p>	<p><i>All normative clauses</i></p>	<p><i>For relation of normative clauses of this standard to significant hazards/relevant essential requirements of 2006/42/EC see informative annex XX „List of significant hazards“ of this standard in combination with annex D “Examples of significant hazards, hazardous situations, hazardous events and their relation to the Essential Requirements of the Machinery Directive 2006/42/EC” of CEN Guide 414</i> <i>(https://boss.cen.eu/ref/CEN_414.pdf).</i></p>

<p><i>Option A.2:</i> <i>Within the limits of the scope <u>all relevant essential requirements are covered</u></i></p>	<p><i>All normative clauses except clause(s) yyy³⁾</i></p>	<p><i>For relation of normative clauses (except clause(s) yyy³⁾) of this standard to significant hazards/relevant essential requirements of 2006/42/EC see informative annex XX „List of significant hazards“ of this standard in combination with annex D “Examples of significant hazards, hazardous situations, hazardous events and their relation to the Essential Requirements of the Machinery Directive 2006/42/EC” of CEN Guide 414 (https://boss.cen.eu/ref/CEN_414.pdf).</i></p>
<p><i>Option B.1:</i> <i>Within the limits of the scope <u>all relevant essential requirements with the exception of essential requirement(s) xxx</u> are covered</i></p>	<p><i>All normative clauses</i></p>	<p><i>For relation of normative clauses of this standard to significant hazards/relevant essential requirements of 2006/42/EC see informative annex XX „List of significant hazards“ of this standard in combination with annex D “Examples of significant hazards, hazardous situations, hazardous events and their relation to the Essential Requirements of the Machinery Directive 2006/42/EC” of CEN Guide 414 (https://boss.cen.eu/ref/CEN_414.pdf).</i></p>
<p><i>Option B.2:</i> <i>Within the limits of the scope <u>all relevant essential requirements with the exception of essential requirement(s) xxx</u> are covered</i></p>	<p><i>All normative clauses except clause(s) yyy³⁾</i></p>	<p><i>For relation of normative clauses (except clause(s) yyy¹⁾) of this standard to significant hazards/relevant essential requirements of 2006/42/EC see informative annex XX „List of significant hazards“ of this standard in combination with annex D “Examples of significant hazards, hazardous situations, hazardous events and their</i></p>

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Option **C** -> detailed table: as many rows as many there are Essential Requirements

Necessary if a standard does not contain a list of significant hazards!

→ For example: standards in CENELEC

		[https://boss.cen.eu/ref/CEN_414.pdf]
<i>Option C</i> <i>[Per row: an essential requirement]</i>	<i>[The relevant normative clauses linked to the individual essential requirement]</i>	

Table ZA.1 — Correspondence between this European Standard and Directive 2006/42/EC

Clauses and subclauses of this EN	Essential Requirements (ERs) of Directive 2006/42/EC
1.1.2 Principles of safety integration	
a) fitted for its function	5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 6.5, 6.6, 7.12, 8.3
b) eliminate or reduce the risks, give measures, inform	Clauses 5, 6, 7, 8
c) intended use and reasonably foreseeable misuse	Clauses 5, 6, 7, 8
d) constraints in use	7.5, 8.3
e) equipment	6.1, 7.8, 8.3
1.1.3 Materials and products	6.2, 6.5, 6.6, 7.3
1.1.4 Lighting	8.3
1.1.5 Design of machinery to facilitate its handling	5.2, 6.6, 7.5
1.1.6 Ergonomics	7.5
1.1.7 Operating position	5.2, 6.6.4, 6.6.8, 8.3
1.2.1 Safety and reliability of control systems	5.1, 5.6, 5.7, 5.9, 7.11, 7.12
1.2.2 Control devices	5.2, 5.3, 5.4, 5.5, 5.6, 6.6, 8.3
1.2.3 Starting	5.2, 5.3, 5.6
1.2.4 Stopping	5.2, 5.4, 5.5, 5.6
1.2.4.1 Normal stop	5.4
1.2.4.2 Operational stop	5.6

1. Revised Guide 414 (1)

New template for Annex ZA/ZZ

EC position:

- ▲ **Strong preference:** the option C
- ▲ the options A1, A2, B1, B2 will be still accepted
- ▲ EC will only accept the documents with Annex ZA/ZZ which is in line with the template provided in Guide 414
- ▲ Nevertheless, the new mandate for machinery is likely to contain the request for the detailed Annex ZA/ZZ (=option C)

2. Dating of normative references

- ▲ [Guide 414](#) recommends dating of normative references (Clause 6.5 of Guide)
- ▲ The final decision on whether to date normative reference or not is up for the TC
- ▲ Parallel work: the European needs to be considered
→ please liaise with ISO or IEC/TC

3. Parallel work

Need to convey European voice to ISO and IEC/TC:

- ▲ awareness of Essential Requirements of Machinery Directive
- ▲ **informed decision** on whether to develop harmonized or non-harmonized standard
- ▲ dating of normative references

The responsibility of CEN and CENELEC / TC for:

- ▲ **Annex ZA/ZZ** (even for ISO lead)
- ▲ addressing negative assessment

Early involvement of Consultants is key → assessments of first working drafts **recommended**

4. Date of cessation of presumption of conformity of the superseded standard

The default DOW:

- ▲ CEN: the DOW = DAV + 6 months
- ▲ CENELEC: the DOW = DAV + 36 months

Exceptionally: the longer DOW is possible → TC decision is needed (in advance of a formal vote, please)

In general, the EC aligns the DOCOPOCOSS with the DOW but is not obliged to do so

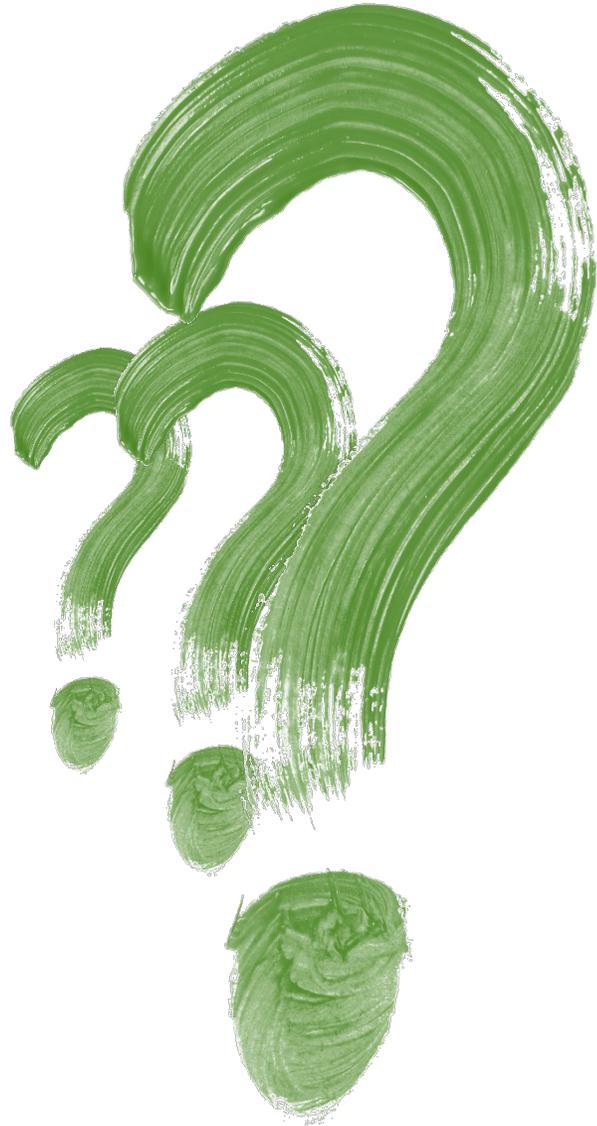
5. Harmonized Standards Consultants (HAS Consultants) - machinery

All previous Consultants continue:

- Emilio Borzelli, Anthony Hoyland, Koen Chielens,
- **Noise**: Jean Jacques, Patrick Kurtz, Michiel van Eeden

2 **new** Consultants:

- John Cotman and Raimonda Sneigiene



Thank You

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