



Guidance document on the use of Table ZA.2 related to Normative references in EN ISO standards

What is a Table ZA.2?

Table ZA.2 is an additional table which shall be included in the Annex ZA of EN ISO standards if Clause 2 or the body of the ISO standard contains undated normative references.

The European Commission requires all normative references to be dated in standards offered for citation in the OJEU. Table ZA.2 is used to date undated normative references in EN ISO standards which are candidate for citation in the OJEU, therefore enabling the citation of these standards in the OJEU.

Where can I find the template for Table ZA.2?

There are Annex ZA templates with and without Table ZA.2. The templates with Table ZA.2 are available on the BOSS: <https://boss.cen.eu/reference-material/formstemplates/pages/>.

When and should Table ZA.2 be filled-in?

If there are undated normative references in Clause 2, Table ZA.2 shall be systematically included in Annex ZA when a draft standard is submitted for HAS assessment (CD(WD)/ENQ/FV).

This allows to address HAS consultants concerns earlier hence enabling compliant assessment results.

Who is responsible for filling-in Table ZA.2?

The CEN Committee shall be responsible for the preparation of the Annex ZA. The responsible NSB shall check that the correct template for Annex ZA is used and Table ZA.2 is filled in.

Requirements for drafting Table ZA.2

1. All references appearing in Clause 2 shall appear in Table ZA.2. This includes references which are already dated.
2. All the references shall appear in the same order in Clause 2 and Table ZA.2
3. If a normative reference is already dated in clause 2, the same date must be used in Table ZA.2.
4. If a normative reference is already dated in clause 2, and is withdrawn, Column 4 must be used to correct it. Technical Bodies are invited to carefully check and assess any impact of the modification of normative references in EN ISO deliverables on the clauses supporting the presumption of conformity.
5. For standards supporting multiple legislation, a single dating table shall be included in annex ZA. A The other annexes indicating the link between the standard and legislation shall refer to Table ZA.2.

Updating Table ZA.2

To update Table ZA.2 the same process applies as to update the rest of Annex ZA.

Decision BT 43/2017 is applicable also to Table ZA.2



Use cases and examples

1 The NR is dated in Clause 2

1.1 Use case 1 - the EN ISO equivalent has the same publication date

Comments: please include all references listed in Clause 2 inside table ZA.2, even if already dated in Clause2

Example of Clause 2 reference:

ISO 9606-2:2004, *Qualification test of Welders – Fusion welding – Part 2: Aluminium and aluminium alloys*

Example on how to include in the table ZA.2:

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ISO 9606-2:2004	ISO 9606-2:2004	Qualification test of Welders – Fusion welding – Part 2: Aluminium and aluminium alloys	EN ISO 9606-2:2004

1.2 Use case 2 - the EN ISO equivalent has a different publication date

Comments: please include all references listed in Clause 2 inside table ZA.2, even if already dated in Clause2; If the publication year is different for the ISO and EN ISO standards, please make sure to include the correct corresponding dates for both.

Example of Clause 2 reference:

ISO 8666:2016, *Small craft - Principal data*

Example on how to include in the table ZA.2:

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ISO 8666:2016	ISO 8666:2016	Small craft - Principal data	EN ISO 8666:2018

1.3 Use case 3 – the dated NR is withdrawn

Comments: Please use column 4 to correct the withdrawn NR.

Example of Clause 2 reference:

ISO 2505-1:1994, *Thermoplastics pipes - Longitudinal reversion – Part 1: Determination methods*
ISO 2505-2:1994, *Thermoplastics pipes - Longitudinal reversion – Part 2: Determination parameters*
ISO 10088:2013, *Small craft - Permanently installed fuel systems*

Example on how to include in the table ZA.2:

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ISO 10088:2013	ISO 10088:2013	Small craft - Permanently installed fuel systems	EN ISO 10088:2023
ISO 2505-1:1994	ISO 2505-1:1994	Thermoplastics pipes - Longitudinal Reversion-Test method and parameters	EN ISO 2505:2023
ISO 2505-2:1994	ISO 2505-2:1994	Thermoplastics pipes - Longitudinal Reversion-Test method and parameters	EN ISO 2505:2023
ISO 10133:2012	ISO 10133:2012	Small craft - Electrical systems - Extra-low-voltage d.c. installations (ISO 10133:2012)	EN ISO 13297:2021



2 The NR is NOT dated in Clause 2

2.1 Use case 3 - the EN ISO equivalent has the same publication date

Comments: if the reference in Clause 2 is not dated, please

- indicate in Column 4 which EN ISO edition should be used for the claim for conformity.
- Indicate in Column 2 which ISO edition corresponds to the EN ISO edition listed in Column 4

Example of Clause 2 reference:

ISO 14175, *Welding consumables - Gases and gas mixtures for fusion welding and allied processes*

Example on how to include in the table ZA.2:

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ISO 14175	ISO 14175:2008	Welding consumables - Gases and gas mixtures for fusion welding and allied processes	EN ISO 14175:2008

2.2 Use case 4 - the EN ISO equivalent has a different publication date

Comments: if the reference in Clause 2 is not dated, please

- indicate in Column 4 which EN ISO edition should be used for the claim for conformity.
- Indicate in Column 2 which ISO edition corresponds to the EN ISO edition listed in Column 4

Example of Clause 2 reference:

ISO 5173, *Destructive tests on welds in metallic materials - Bend tests*

Example on how to include in the table ZA.2:

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ISO 5173	ISO 5173:2009	Destructive tests on welds in metallic materials - Bend tests	EN ISO 5173:2010



2.3 Use case 5 - there is no EN ISO equivalent

Comments: if the reference in Clause 2 is not dated and that CEN has not adopted this reference

- indicate in column 2 which ISO edition should be used for the claim for conformity.
- Indicate in column 4 "See Column 2"

Example of Clause 2 reference:

ISO 5642, *Non-Destructive tests on welds in funky materials*

Example on how to include in the table ZA.2:

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ISO 5642	ISO 5642:2018	Non-Destructive tests on welds in funky materials	None For applicable standard edition see Column 2

3 The NR is not yet published

3.1 Use case 6: the NR is not yet published and or undated

Comments: if the reference in Clause 2 is not published, please indicate "not yet available" in Column 2 and Column 4.

The use of draft standards in clause 2 might lead to the European Commission to reject the citation in the OJEU. When the drafts standards referenced in clause 2 are being developed at the same time and stage as the hEN, it is possible to use drafts in clause 2 during the development process. Such references should only be included in drafts but not in the text for publication

Example of Clause 2 reference:

FDIS 14946, *Small craft - Maximum load capacity*

FDIS 14946:2022, *Small craft - Maximum load capacity*

Example on how to include in the table ZA.2:

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
FDIS 14946	Not yet available	Small craft - Maximum load capacity	Not yet available
FDIS 14946:2022	Not yet available	Small craft - Maximum load capacity	Not yet available



4 Others

4.1 Use case 7 - ISO and CEN amendment

Comments: if the reference in Clause 2 has been amended, please list first the parent standards and then each amendment on a separated line in Column 2 and Column 4 (but inside the same row of the table).

Example of Clause 2 reference:

ISO 14729:2001 + Amd. 1:2010, *Ophthalmic optics - Contact lens care products - Microbiological requirements and test methods for products and regimens for hygienic management of contact lenses*

Example on how to include in the table ZA.2:

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ISO 14729:2001	ISO 14729:2001 ISO 14729:2001/A1:2010	Ophthalmic optics - Contact lens care products - Microbiological requirements and test methods for products and regimens for hygienic management of contact lenses	EN ISO 14729:2001 EN ISO 14729:2001/A1:2010

4.2 Use case 8 - CEN only amendments (e.g. A11)

Comments: if the EN ISO corresponding equivalent to reference in Clause 2 has been amended by CEN only (e.g. A11 on Annex ZA, A deviation, ...), list first the parent standards and then each amendment in Column 4.

Example of Clause 2 reference:

ISO 8666:2020, Small craft - Principal data

Example on how to include in the table ZA.2:

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ISO 8666:2020	ISO 8666:2020	Small craft - Principal data	EN ISO 8666:2020 EN ISO 8666:2020/A11:2021



4.3 Use case 9 - NRs from a third-party organization

Comments:

The use of third-party organization standards in Clause 2 might lead to a negative assessment by the HAS consultant or the European Commission to reject the citation in the OJEU. CEN strongly advises TCs to avoid the use of third-party organization in Clause 2, regardless being date or not.

If this is nevertheless the case, please fill-in Column2 and Column 4 with "None"

Example of Clause 2 reference:

ASTM E112, *Standard Test Methods for Determining Average Grain Size*

Example on how to include in the table ZA.2:

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ASTM E112	None	Standard Test Methods for Determining Average Grain Size	None

4.4 Use case 10 - NR is in multiple part

Comments: if the reference in Clause 2 is a series of standards, please list each part of the series in Column 2 and Column 4 according to the rules defined in this document.

Please note that such referencing to series of standards in Clause 2 is no longer allowed by CEN. Such practice might lead to non-compliant HAS assessment or rejection of the citation in the OJEU. Therefore, the recommendation is for referring to specific parts of the standard.

Example of Clause 2 reference:

ISO 15614 (all parts), *Specification and qualification of welding procedures for metallic materials – Welding procedure test*

Example on how to include in the table ZA.2:

Column 1 Reference in Clause 2	Column 2 International Standard Edition	Column 3 Title	Column 4 Corresponding European Standard Edition
ISO 15614 (All parts)	ISO 15614-1:2017 ISO 15614-2:2005 ...	Specification and qualification of welding procedures for metallic materials – Welding procedure test	EN ISO 15614-1:2017 EN ISO15614-2 :2005 ...