



European Standardization Organizations

Webinar for Standard Drafters

Standards in XML: An introduction to standards and XML

*We start at
14:00 CET*

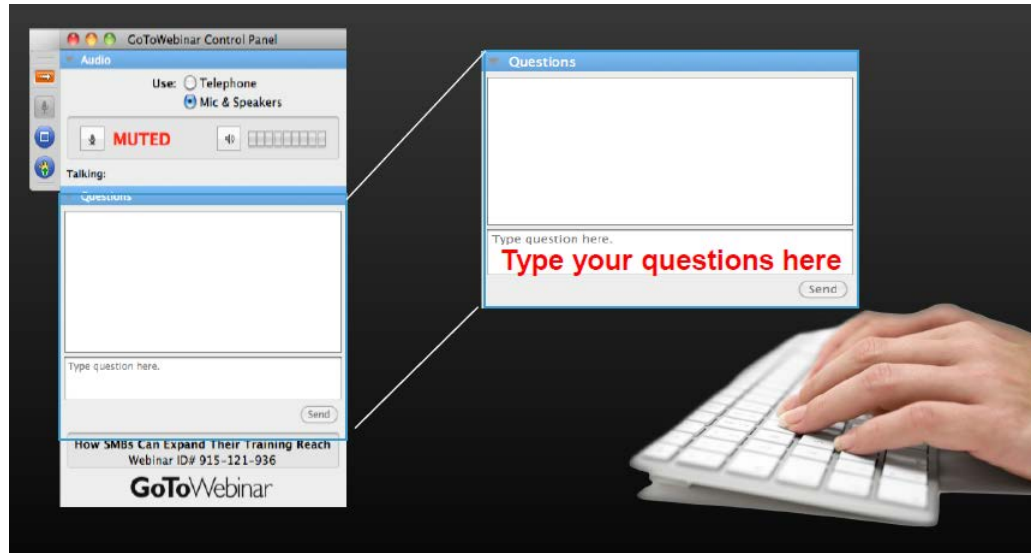
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Your speakers today



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To be discussed...

- ▶ What is XML?

- ▶ XML and European Standards Deliverables
 - ▶ Why we use it
 - ▶ How members use it
 - ▶ XML future possibilities

- ▶ Quality control of first deliveries

- ▶ Starting points for drafting

What is XML?

What is XML? (1/2)

- ▶ **EX**tensible **M**ark-up **L**anguage
 - ▶ Code file
 - ▶ Carries information for conversion

- ▶ Instructions which tell the XML conversion tool how to display/structure text
 - ▶ e.g. should text be bold, centred, in Arial, etc.

- ▶ Allows users to convert information to different formats
 - ▶ e.g., HTML (web-pages) or PDF

What is XML? (2/2)

- ▶ Deliverables in XML can be read across many different devices seamlessly
 - ▶ Makes content more accessible

- ▶ Only holds information - conversion is needed for different formats.


```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE standard PUBLIC "-//ISO//DTD ISO Standards Tag Set (ISOSTS) DTD v1
<standard dtd-version="1.1" xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:
<front>
<reg-meta originator="CEN">
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<main/>
<full>Sterilization - Steam sterilizers - Large sterilizers</full>
</title-wrap>
<title-wrap xml:lang="fr">
<main/>
<full>Stérilisation - Stérilisateurs à la vapeur d'eau
</title-wrap>
<title-wrap xml:lang="de">
<main/>
<full>Sterilisation - Dampf-Sterilisatoren - Großsterilisatoren</ful
</title-wrap>
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</std-ident>
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<std-ref type="undated">EN 285/FprA1</std-ref>
<std-ref type="short">EN 285:2015</std-ref>
```

```
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<sec id="sec_5.1.6">
<label>5.1.6</label><title>LPG Cylinder compartment
<p>Even in case the cylinder compartment is part of
<p>The access from the garage/storage compartment to
<p>The door of the LPG cylinder compartment shall be
<p>The door shall be secured in its closed position.
<p>The requirements of <xref ref-type="sec" rid="sec
</sec>
<sec id="sec_5.1.7">
<label>5.1.7</label><title>LPG Cylinder compartments
<p>For Road vehicles where penetration of a type app
<list list-type="alpha-lower">
<list-item><label>a</label><p>The access from the h
<list-item><label>b</label><p>the door or hatch of
<list-item><label>c</label><p>the requirements of <
<list-item><label>d</label><p>the compartment can c
<list-item><label>e</label><p>the compartment can c
<list list-type="order">
<list-item><label>1</label><p>the vent shall have a
<list-item><label>2</label><p>where a duct is attac
<list-item><label>3</label><p>the duct shall be pos
<list-item><label>4</label><p>the duct shall fall t
</list-item></list>
</sec>
</sec>
```

XML and European Standards Deliverables

▶ Why XML?

- ▶ Members and translators are making the shift to XML
- ▶ ISO is already using it

▶ Required by members

▶ How is it used?

- ▶ **Translators** → XML used to aid in faster, more accurate translations
- ▶ **Members** → displaying content online, web services, coding, PDF creation and translation into national languages
- ▶ **CCMC** → Quality check and improvement of texts, obligatory provision for members.



NF EN 913 (December, 2018)

European foreword

This document (EN 913:2018) has been prepared by Technical Committee CEN/TC 136 "Sports, playground and other recreational facilities and equipment", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2019, and conflicting national standards shall be withdrawn at the latest by June 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 913:2008.

This European Standard is one of several standards, each of which deals with a particular type or a particular group of gymnastic equipment. Gymnastic equipment of any type not covered by a relevant European Standard is covered by this general standard.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

The principal changes from the previous edition of EN 913 are as follows:

- a. Scope has been concretised by adding sports equipment;
- b. Term "hazard" modified according to EN ISO 12100:2010;
- c. Term "risk" added according to EN ISO 12100:2010;
- d. References to relevant European Directives added;
- e. Risk of "fire" has been deleted, as it is not relevant for gymnastic equipment;
- f. New Subclause 5.1 "Material" added;
- g. Requirements regarding entrapment have been harmonized with EN 1176-1:2017;
- h. Entrapment requirement for floor fixings has been added;
- i. New Subclause 5.7 "Friction and abrasion" added;
- j. New Subclause 5.8 "Ergonomics" added;
- k. In Clause 6 a reference to the relevant European Standard on Gymnastic equipment was added;
- l. New Clause 7 "Manufactures instructions" has been added;
- m. Body mass for multiple use has been modified according to CEN ISO/TR 7250-2;
- n. New "Bibliography" added.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Contents	Search	Figure
General information		
European foreword		
1 - Scope		
2 - Normative references		
3 - Terms and definitions		
4 - Risk assessment		
5 - General safety requirements >		
6 - Marking		
7 - Manufacturer Instructions		
ANNEX A - (normative) Test methods for entrapment >		
ANNEX B - (normative) Mechanical loading for determination of stability and strength >		
ANNEX C - (normative) Determination of shock absorption of padding >		
Bibliography		

Show summary in a page

▶ CCMC and XML

▶ Obligatory for 100% Applicable deliverables

- ▶ EN/TS/TR at all stages
- ▶ //ISO texts (//IEC to follow at a later stage)
- ▶ CWA and Guides, where the drafting template is used
- ▶ Amendments/Corrigenda where the mother standard has XML

▶ Future of XML

- ▶ XML is an important step on the path towards machine readable documents

Quality control of First Deliveries

- ▶ **Obligatory XML for all applicable deliverables**

- ▶ Requirements to maintain good quality from first submission
 - ▶ Figures
 - ▶ Use of template
 - ▶ Tables – simply drafted
 - ▶ Formulae in Mathtype – only used when necessary

- ▶ Time-consuming for all parties when elements are poor quality/missing

Quality Control of First Deliveries (2/4)

- ▶ Poor quality of XML = member complaints!
(just like with PDFs)
- ▶ CCMC will reject first deliveries of texts if:
 - ▶ Figures are missing/incorrectly named/poor quality
 - ▶ It is obvious that the drafting templates have not been used
 - ▶ There are extensive problems with the text regarding creation of XML

- ▶ How to ensure quality texts for quality XML?
 - ▶ Use the templates found on the CEN and CENELEC BOSS sites
 - ▶ Both hold the same information, just tweaked for CEN or CENELEC
 - ▶ Supply ALL figure files for ALL figures in the text
 - ▶ Figures in tables, keys, and the text itself are required
 - ▶ Follow the requirements found on the BOSS
 - ▶ Supply them as separate files to the text itself
 - ▶ **OBLIGATORY FOR CEN! RECOMMENDED FOR CENELEC!**

Quality Control of First Deliveries (4/4)

- ▶ How to ensure quality texts for quality XML?
 - ▶ Follow drafting guidance given online:
 - ▶ Webinars for standards drafters from [2018/2017](#) → CEN-CENELEC Website
 - ▶ Internal Regulations Part 3 → Annex A checklist for simplified version
 - ▶ [Webinar September 2019](#)
 - ▶ Editorial help via Skype/in person/via email
- ▶ [Future Webinar Series for 2020](#)

Starting Points

Useful links and websites

▶ CEN/CENELEC BOSS

- ▶ Simple templates – [CEN](#) & [CENELEC](#)
- ▶ [Electronic preparation](#)

▶ IR3

- ▶ [Annex A checklist](#)

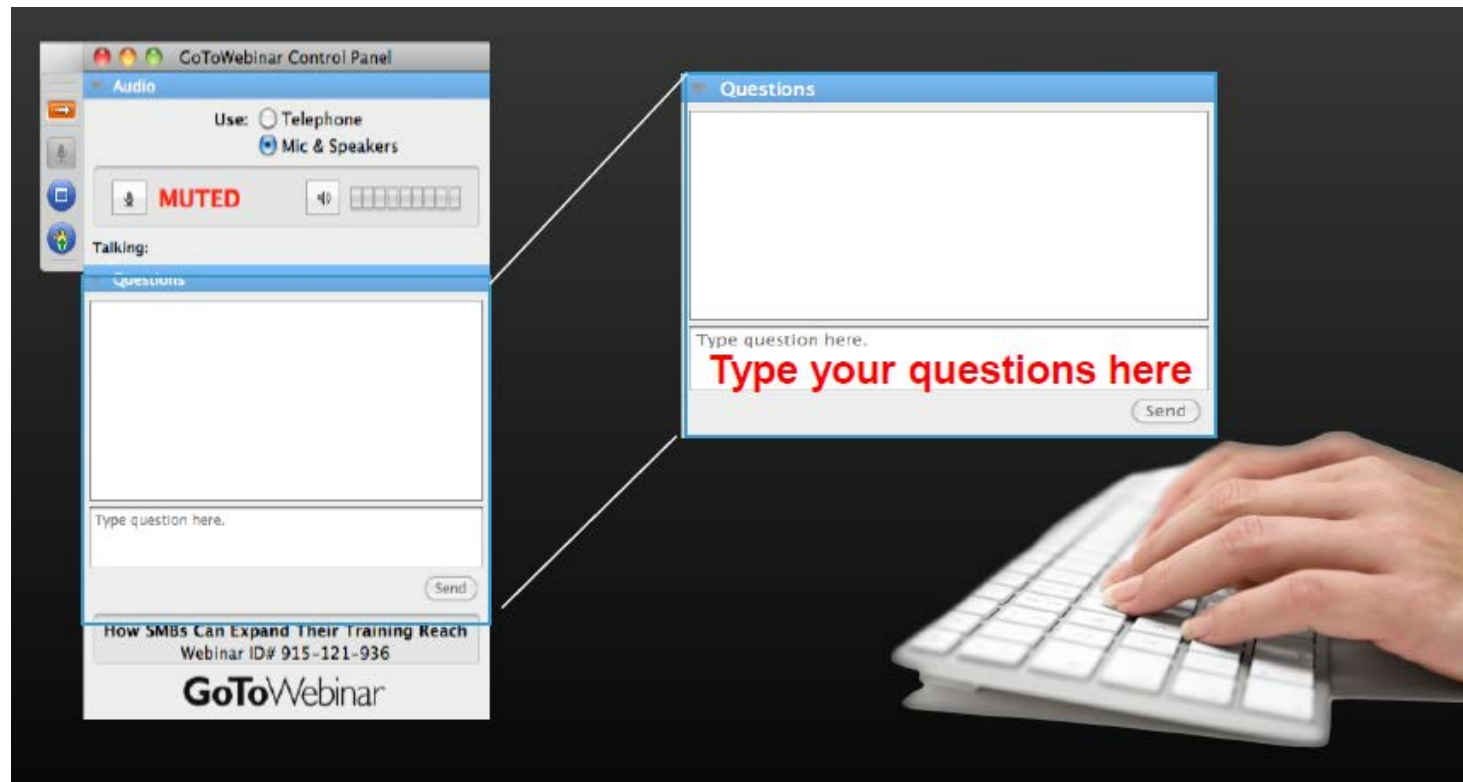
▶ [Past Webinars](#)

- ▶ Check the archives at the bottom

▶ [Future webinars on drafting for XML](#)

Question time

- ▶ Use the Q&A panel to submit your questions





European Standardization Organizations

Thank you for your participation!

Series of webinars for standards drafters 2020: Register [here](#).

Next webinar on **26 March 2020**: [Drafting for XML: how to draft the perfect XML standard](#)