

EFESME - NAEC – EECMAI joint event  
30<sup>th</sup> May 2023

***An occasion for dialogue: A  
comparison between the main lift  
standards in the US, the EU, and  
India***

Online webinar

*Paolo Tattoli*



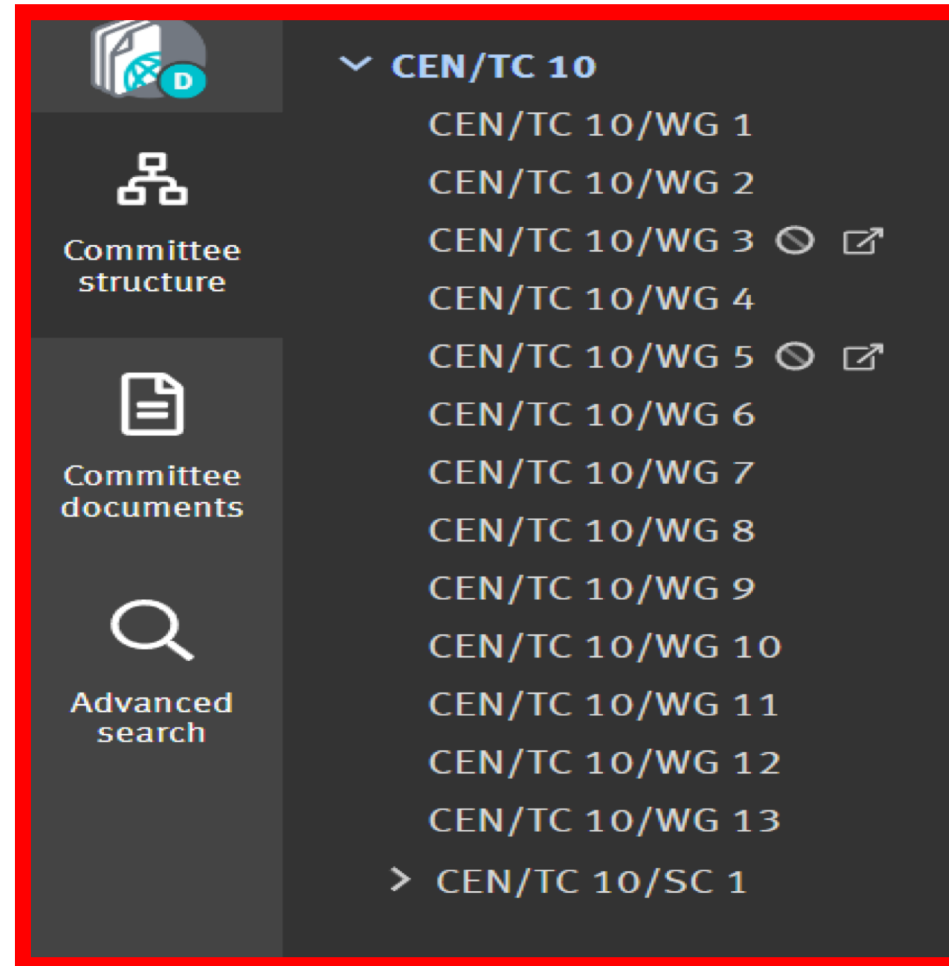
# 1st QUESTION

- 1. In developing the current standards in your country and in the related working groups:
  - *1a. What is the average composition of members from different stakeholders?*
  - *1b. Is this composition affecting the outcome of standardisation activities?*

# CEN/TC 10

## "Lifts, escalators and moving walks"

- Committee Structure



The image shows a screenshot of a website navigation menu for CEN/TC 10. The menu is dark grey with white text and icons. On the left side, there are three main categories: 'Committee structure' (with a tree icon), 'Committee documents' (with a document icon), and 'Advanced search' (with a magnifying glass icon). On the right side, under the heading 'CEN/TC 10', there is a list of working groups (WG 1 through WG 13) and a subcommittee (SC 1). WG 3 and WG 5 have additional icons (a circle with a slash and an external link icon) next to them. The entire screenshot is framed by a red border.

- Committee structure
- Committee documents
- Advanced search

- ▼ CEN/TC 10
  - CEN/TC 10/WG 1
  - CEN/TC 10/WG 2
  - CEN/TC 10/WG 3 ⓘ ↗
  - CEN/TC 10/WG 4
  - CEN/TC 10/WG 5 ⓘ ↗
  - CEN/TC 10/WG 6
  - CEN/TC 10/WG 7
  - CEN/TC 10/WG 8
  - CEN/TC 10/WG 9
  - CEN/TC 10/WG 10
  - CEN/TC 10/WG 11
  - CEN/TC 10/WG 12
  - CEN/TC 10/WG 13
  - > CEN/TC 10/SC 1

# ***1a. What is the average composition of members from different stakeholders?***

- The national standardization bodies (NSB) are present in the WGs with their experts
- The attendance can be guaranteed by
  - Committee members
  - Committee observers
  - Liaison Representatives
  - Consultants
- In addition to
  - Technical programme manager
  - Secretary
  - Chairperson

# The experts come from...

- **Industry** (from companies involved in the sector, especially from big enterprises, but some also from small and medium enterprises)
- **Associations of the sector**
- **Certifying bodies** (called Notified bodies in Europe, notified to the EU by each member state)
- **Member state representatives**

# For example

## **CEN/TC 10/WG 1**

- Convenor: René Hermann >>> Schindler

## **CEN/TC 10/WG 2**

- Convenor: Gero Gschwendtner >>> GMX (ex Otis)

## **CEN/TC 10/WG 4**

- Convenor: Ari Kattainen >>> Kone

## **CEN/TC 10/WG 8**

- Convenor: Paolo Tattoli >>> As representative of an Italian public body involved in the prevention and safety at work

## *1b. Is this composition affecting the outcome of standardisation activities?*

- The number and composition of experts involved affect the standardisation activities heavily
- The content of the standards is affected by the **experts involved**, in particular by their **number, technical preparation and experience**

# 2nd QUESTION

- *How are your standards addressing the following topics?*
- ***2a. Availability of detailed indications on how to provide appropriate access to the different elevator equipment by the differently competent maintenance operators***
- ***2b. Normative prescriptions for mandatory presence on site of:***
  - *Special tools for rescue, maintenance, diagnostics, repairs.*
  - *Instructions (including detailed plans for the whole lifecycle) for maintenance, repairs, adjustments & replacements*



## ***2a. Availability of detailed indications on how to provide appropriate access to the different elevator equipment by the differently competent maintenance operators***

**In EN 81-20 there are assumptions such as:**

- **Negotiations and agreements must be reached between the customer and the supplier** concerning the intended use of the lift, environmental conditions, such as temperature, humidity, exposure to sun or wind, snow, corrosive atmosphere
- Civil engineering issues (e.g. Building Regulations)
- And other aspects related to the place of installation
- **Other information to be exchanged** concern the heat dissipation by elevator components/equipment that would require ventilation of the shaft and/or machinery space/equipment location and aspects relating to noise and vibration emitted by the equipment
- Then, the standard assumes that the access routes to work areas shall be suitably illuminated

***2a. Availability of detailed indications on how to provide appropriate access to the different elevator equipment by the differently competent maintenance operators***

**Two points of view:**

1. Availability of detailed indications on adequate access to the different lift equipment
2. Availability of detailed information on the management of the different lift equipment

***2b. Normative prescriptions for mandatory presence on site of:  
Special tools for rescue, maintenance, diagnostics, repairs.  
Instructions (including detailed plans for the whole lifecycle) for  
maintenance, repairs, adjustments & replacements***

**EN 81-20 is very general:**

- This makes complicated to understand what needs to be specified for the lift life-time to be kept in safe operation and fit for purpose
- **Nothing similar to the logbook related to the Master Plan**, which provides specific information for the maintenance of the specific lift
- **No reference to the detailed planning of scheduled verifications**, adjustments and maintenance interventions necessary to maintain high levels of efficiency, safety and regularity of operation
- **Neither any indications to keep all special tools secured at the lift site**, always ready to be used whenever necessary

## 3rd QUESTION

- ***As Association, do you offer to your associates any trainings for general and/or maintenance activities relevant to updates to the main (referenced) standards?***

## **EFESME has always encouraged its members to plan and organize training and information courses**

- Since EFESME is a European association that brings together national associations with **different local experiences**, it is not so easy to promote initiatives for all national associations
- To consider also that each European Country has **its own language**, sometimes even more than one

**Let us have a look to some initiatives promoted by EFESME, frequently with the support of its European partner SBS**

- 27 MAY 2021 - [SBS Lift Forum on BIM in the lift sector](#)
- 14 DECEMBER 2021 - [SBS Lift Webinar on Updates on lift standardisation](#)
- 23 NOVEMBER 2022 - [SBS Lift Forum on Harmonised standards to facilitate the access to and availability of “instructions and special tools” at all lift installations](#)

**EFESME stimulates its associates to promote training initiatives** with the support and experience of our federation members and experts.

**THANK YOU**  
**For your attention**  
**p.tattoli1@gmail.com**

Follow us



Efesme Aisbl



EFESME aisbl



@EFESME

**WWW.EFESME.ORG**

secretariat@efesme.org

