

INTERPRETATION CONCERNANT			Number 004 CEN/TC 10/WG1 Page 1 of 1		
Standard : EN 81-77	Edition : 2018	Clause(s) : 1	Date of interpretation :		
			Date of modification :		
Key-word(s) : Scope, EN 1998-1, existing buildings			Replacing interpretation n° :		
<p>QUESTION</p> <p>1st paragraph of the scope of EN 81-77:2018 defines that it applies to new lifts, permanently installed in buildings that are in compliance with EN 1998-1 (Eurocode 8), which 1st edition has been published in 2004.</p> <p>This means that buildings older than 2004 (national transition periods not considered) will probably not comply with EN 1998-1.</p> <p>Question 1: Does EN 81-77:2018 apply for new lifts installed in (existing) buildings that are NOT in compliance with EN 1998-1?</p> <p>In case that the answer to „Question 1“ is „NO“:</p> <p>Question 2: Is there any other EN-standard, which applies to new lifts, installed in (existing) buildings that are NOT in compliance with EN 1998-1?</p> <p>Note: EN 1998-3 is dealing with the assessment and retrofitting of (existing) buildings</p> <p>In case that the answer to „Question 2“ is „NO“:</p> <p>Question 3: What are appropriate protective measures to satisfy the applicable EHSRs of 2014/33/EU and the applicable EHSRs of 2006/42/EC, because the behavior of such buildings under seismic activities are unknown and maybe/probably not comparable to that of buildings that are in compliance with EN 1998-1?</p>					

INTERPRETATION

Question 1:

No. In the scope of the standard EN 81-77 is written:

“This document specifies the special provisions and safety rules for passenger and goods passenger lifts where these lifts are installed **in buildings and constructions intended to withstand seismic events in compliance with EN 1998-1:2004 (Eurocode 8)**”...

Question 2:

No.

In case of building not in compliance with EN 1998-1, building designer to evaluate the seismic resistance of the building and to define the design acceleration value. The protective measures for the lift need to be determined on case by case basis.

Question 3:

What is asked in the question was not in the mandate of the standard.

This could be studied under a specific mandate.

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Date of approval by CEN/TC 10 members :

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