



...making excellence a habit.™

To the members of MHE/4 and their respective organisations.

**RE : The publication of EN81 series revised standards and the Date of Withdrawal of Superseded versions.**

Dear member,

I have been asked to clarify the situation with regard to the publication of the revised EN81 series standards, brought about by the publication of EN81-20/50 and the withdrawal of EN81-1/2.

All of these new standards will only reference EN81-20/50 and not EN81-1/2, which leaves questions regarding how they can be applied to existing orders or if the new versions of these standards can be used on EN81-1/2 compliant product.

This subject was also raised at the CEN/TC10 Plenary meeting at the end of November and heavily discussed in order to try to achieve a practical accommodation to all interested parties.

The following pages of this letter explain how the new standards interact with each other and the various processes which need to be followed if trying to "mix and match" versions.

This is intended as UK guidance and may not be interpreted exactly the same in other European Countries, particularly with reference to Notified Bodies and Design Examination, but it is commonly agreed between the representatives of MHE/4 to CEN/TC10 and the UK Notified Bodies.

Therefore please be guided accordingly and feel free to distribute this document amongst your respective organisations as a means of increasing awareness of this subject and the CEN agreements on implementing these new revised standards.

Yours Faithfully,

Ian Jones

Chairman, MHE/4

BSI Committee for Lifts, Hoists and Escalators.

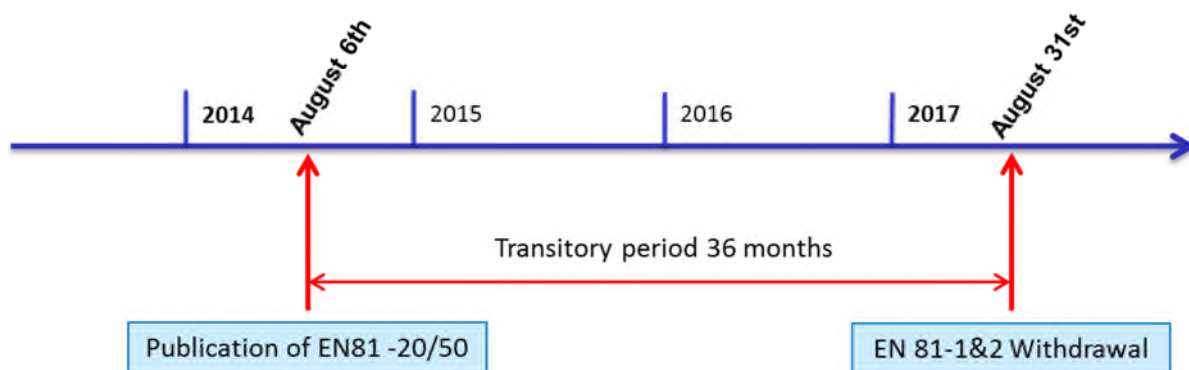
## The Revision of EN81 series standards and the presumption of conformity to the Lifts Regulations.

During the development of EN 81-20 and EN 81-50 as replacements to the long standing EN 81-1 and EN 81-2 it was quickly realised that the scale of change being required by manufacturers in their product ranges would require a period of grace where new designs were developed, tested and certified before being made available on the market.

With this in mind CEN surveyed the National Standards Bodies within the EU and an agreement was reached that the final withdrawal date of EN 81-1 and EN 81-2 would be three years after the publication of EN 81-20 and 50, meaning that for three years manufacturers might use any of these standard to build their product to, but finally in September 2017 the old standards would be fully withdrawn.

This then was followed by the publication in the official journal of the EU Directives of the Date of Cessation of Presumption of Conformity (DCPC) of EN 81-1 and EN 81-2, set as the last day of August 2017.

It means that between now and that date manufacturers can claim compliance with either EN 81-1/2 or EN 81-20/50 as a means of satisfying the requirements of the Lifts Directive. After that date only EN 81-20/50 has presumption of conformity and manufacturers should cease declarations in conformity to EN 81-1/2.



Whilst this has been well publicised and is readily understood, the situation of the revision and publication of other standards in the EN 81 series (often referred to as “ancillary” or “supplementary” standards) has not been so widely discussed.

All standards which reference EN 81-1 or EN 81-2 will have to be revised in order to change their references to those found in EN 81-20 and 50, and whilst some of these documents only require fairly limited changes, others such as EN 81-21 need considerable alteration to align them to EN 81-20.

In addition some other standards such as EN 81-28, EN 81-70, EN 81-72 and EN 81-73 are being fully revised as part of their normal 5 year validation cycle. This means that these standards may have other extensive technical changes not found in their previous versions, supplemental to the changes brought about by the publication of EN 81-20/50.

The original concept developed by CEN/TC10 was that all of these standards would have similar DCPC dates to that of EN 81-20 and EN 81-50, meaning that all of the old versions would be able to be used in support of EN 81-1 and EN 81-2 until the official withdrawal of those standards on 31<sup>st</sup> August 2017.

As an example standards might be used as follows in support of the Lifts Directive:

- EN 81-28:2003 could be used with EN 81-1 or EN 81-2 up to the 31<sup>st</sup> August 2017.
- EN 81-28:2016 could be used with EN 81-20 from the date of its publication.
- EN 81-28:2003 could not be used with EN 81-20 without a Design Examination Certificate from a Notified Body\*
- EN 81-28:2016 could not be used with EN 81-1 or EN 81-2 without a DEC from a Notified Body \*

\*This is because EN 81-28:2003 does not contain reference to EN 81-20 and EN 81-28:2016 will not contain reference to EN 81-1/2.

The one element of this which was not anticipated was the timescales needed to be able to revise all of these standards. According to the CEN work schedules the normal time taken from a standard to being sent to public comment and its subsequent publication is two years. This can be shortened depending on the amount of comment received and the time taken by the relevant committee to resolve those comments.

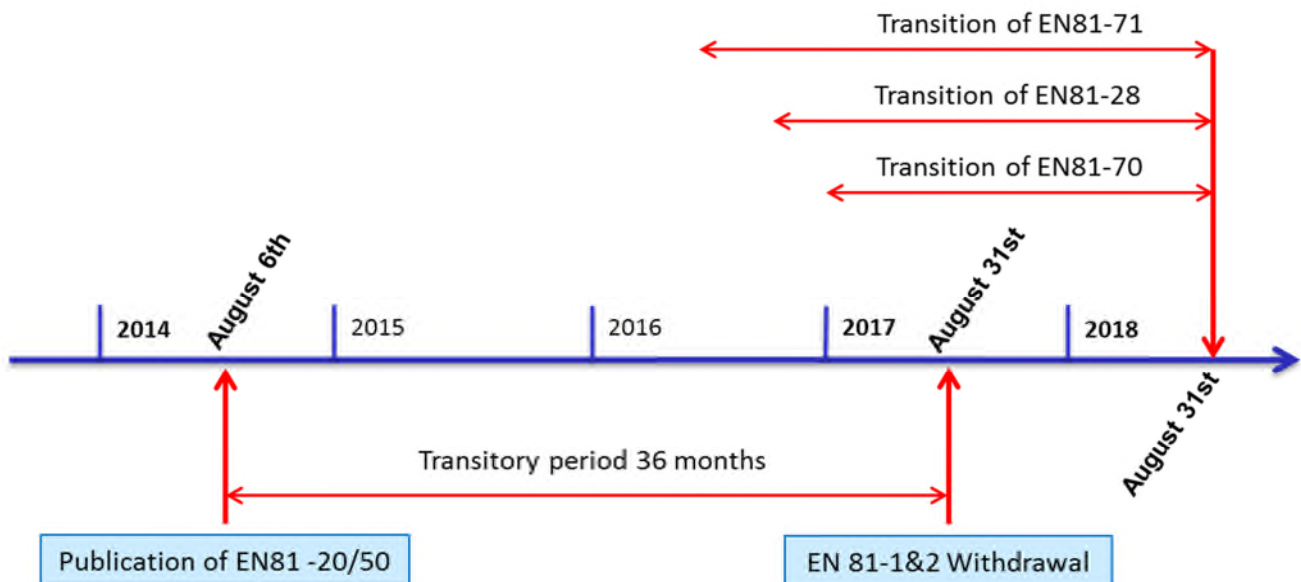
This means that in order to have a DCPC of 31<sup>st</sup> August 2017, all of these supplemental standards would need to have been sent to public comment by the end of August 2015.

Even if standards were published ahead of the normal date, it might still result in manufacturers having very limited time in order to develop new products before the EN 81-1/2 withdrawal date.

The result could be that new versions of these standards are not available on the 31<sup>st</sup> August 2017 and the only option would be to continue to use the old standards with a Design Examination Certificate provided by a Notified Body to allow their use with EN 81-20.

After consultation with the association of Notified Bodies in Europe and discussion in the CEN/TC10 Plenary meeting at the end of 2015 the decision has been taken to extend the withdrawal of any yet to be published supplemental EN 81 series standard to 31<sup>st</sup> August 2018, resulting in manufacturers having an additional 12 months in order to adapt their products.

At the same time an agreement will be reached such that Notified Bodies allow the continued use of the old versions of these standards in conjunction with EN 81-20 until September 2018 with a pragmatic approach to Design Examination being applied in a similar way across the EU.



In order to make this process more transparent BSI will publish all future revisions of EN 81 series standards with National Forewords which explain their official date of withdrawal and their ability to be used as a means of compliance with the Lifts Directive (Lifts Regulations in the UK). This will include statements related to the use of their old version on EN 81-1/2 compliant product and the new version on EN 81-20 compliant product.

BSI can only make informative comment on the need to obtain Design Examination Certificates to allow the use of the old series of standards on EN 81-20 compliant product until 31<sup>st</sup> August 2018 since compliance with the legislation is a matter for the Notified Bodies and the relevant national authorities.

In addition other National Standards Bodies publishing other language versions of these EN 81 series supplementary standards may not provide such National Forewords and users will need to examine the usual Foreword and Introduction to see the official date of withdrawal set for each standard.

A list of “supplemental” EN81 series standards to which the above applies follows:

Number	Title
<b>EN 81-21:2009</b>	Safety rules for the construction and installation of lifts. Lifts for the transport of persons and goods. New passenger and goods passenger lifts in existing buildings
<b>EN 81-28:2003</b>	Safety rules for the construction and installation of lifts. Remote alarm on passenger and goods passenger lifts
<b>EN 81-58:2003</b>	Safety rules for the construction and installation of lifts. Examination and tests. Landing doors fire resistance test
<b>EN 81-70:2003</b>	Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts. Accessibility to lifts for persons including persons with disability
<b>EN 81-71:2005</b>	Safety rules for the construction and installation of lifts. Particular applications to passenger lifts and goods passenger lifts. Vandal resistant lifts
<b>EN 81-72:2003<sup>(1)</sup></b>	Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts. Firefighters lifts
<b>EN 81-73:2005</b>	Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts. Behaviour of lifts in the event of fire
<b>EN 81-77:2013</b>	Safety rules for the construction and installations of lifts. Particular applications for passenger and goods passenger lifts. Lifts subject to seismic conditions
<b>EN 13015:2001</b>	Maintenance for lifts and escalators. Rules for maintenance instructions
<b>EN 12015:2014</b>	Electromagnetic compatibility. Product family standard for lifts, escalators and moving walks. Emission
<b>EN 12016:2013</b>	Electromagnetic compatibility. Product family standard for lifts, escalators and moving walks. Immunity

<sup>(1)</sup> EN 81-72 was published in November 2015 with withdrawal set at the 31<sup>st</sup> August 2017 and will not have an extension to this. However in this case manufactures will have sufficient time to adapt their products before the withdrawal of the old version of the standard.