



JULY 2017

# Welcome to your industry newsletter



**Welcome to the summer newsletter. In this issue, we bid farewell to Terry Potter and welcome Oliver Greening, bring you the latest on our distance and e-learning courses and answer your queries on BS EN 81-20 as 31 August looms.**

## A fond farewell



After 26 years at LEIA, Terry Potter has retired as Managing Director. Terry joined the National Association of Lift Makers (NALM) in 1991 which merged with the British Lift Association (BLA) to form LEIA in 1997. During his time with the association, Terry has been instrumental in driving the growth and development of LEIA to where it is today. His highlights include establishing the first distance learning units and helping launch the first NVQs level 2 & 3. Terry was also responsible for introducing technology to LEIA, including computer hardware, emails and database software, and set up the very first website for the association in 1997.

The strength of the association is a testament to his leadership as Managing Director.

Reflecting on his retirement, Terry comments "After 26 years with the association, I have got to know many people, and I will miss those relationships. I am deeply appreciative of the individuals who put in the extra miles, the committee stalwarts in the UK and in Europe, and the board members who put time in to raise standards to benefit all the industry."

Nick Mellor takes over responsibility from Terry as Managing Director for LEIA. We would like to thank Terry for all his hard work over the years, and wish him a very relaxing and happy retirement (although perhaps not too relaxing as he plans to explore more on his motorbike!)

## New starter



We are delighted to announce that Oliver Greening has been appointed as Senior Operations Manager – Contracts & Membership. In this newly created role, Oliver will provide

general management expertise to support LEIA's business objectives and contribute to the ongoing development of the association. Included within his area of responsibility is the facilitation of the Contract & Legal Committee, the Personal Lifting Group, membership services management, and the coordination of the LIFTEX exhibition.

Oliver brings extensive knowledge and recent senior management experience from national-level membership organisations including

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trade associations (aerospace, defence, security & space), business alliances (retail automotive) and professional bodies (marketing). Oliver began his career as a consultant in the space industry, providing technical and commercial support to clients including UK government and the European Space Agency.

Nick Mellor commented "Oliver's appointment allows us to carry forward the work of the association. I am particularly pleased that Oliver will be picking-up many of Terry's roles and so will allow me carry on supporting the technical side of the association's activities."

Feel free to contact Oliver on [oliver.greening@leia.co.uk](mailto:oliver.greening@leia.co.uk) or connect with him on LinkedIn at <https://uk.linkedin.com/in/olivergreening>.

### Distance learning registration

We are now taking bookings for our September intake to our Distance Learning Course. Our course provides a technical training programme of study which aims to extend the learner's knowledge of lift and escalator engineering. Both Full and Half units of study are available, allowing the learner to tailor a programme to their specific needs.

Most of our learners start with the Introduction to Lift Technology followed by Fundamentals of Lift Technology. A total of 11 units of study are available to choose from covering subjects including Advanced Lift Technology; Electronic Systems & Controls; Lift/Escalator Contract Management; IOSH Managing Safely; and Stairlifts.

Full course details including the subjects covered, unit timetables and pricing are available [here](#).

The September intake is our most popular, so **register now** to secure your place.

Please note that the deadline for registrations is 18 August. The course commences 1 September 2017.

### Symposium on Lift and Escalator Technologies

The 7<sup>th</sup> Annual Symposium takes place from 20 – 21 September 2017 at Highgate House, Northampton, and is now open for registration. LEIA members can register and claim the supporting organisation rate.

Co-organised by LEIA, the University of Northampton and CIBSE Lifts Group, the Symposium brings together experts in the field of vertical transportation, for more information or to register visit <http://www.liftsymposium.org/>.



### LEIA Distance Learning – Lead Tutor

#### Do you have a passion for education and training?

We are looking for a lead tutor to control the delivery of the distance learning modules and to develop the next generation of distance learning provision in support of LEIA's training initiatives.

Successful applicants would have good technical knowledge of the industry's products and services, a strong interest in training and education, and excellent written and communication skills. Experience in training or in Further Education would be an advantage. The role would be on a part-time, self-employed status and based remotely from the LEIA offices.

**Interested? Please email your CV and application to: [enquiries@leia.co.uk](mailto:enquiries@leia.co.uk)**

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## Standards update

*On 31 August 2017, the standards we have been using for many years for the design of new lifts (BS EN 81-1 and BS EN 81-2) will be withdrawn leaving BS EN 81-20 as the only harmonised standard. But what are the options if the lift has been designed to either BS EN 81-1 or BS EN 81-2, and the client's building works are running late delaying lift installation? Nick Mellor outlines LEIA's guidance...*

### BSI response

BSI's MHE/4 has agreed a solution where the lift installation was originally intended to be completed by 31 August but is delayed by the building works. Installers facing this should speak to their Notified Bodies who should agree to a design examination certificate provided that the lift installation was genuinely delayed.

Sometimes construction sites are delayed resulting in consequential disruption for other trades such as lifts. Normally this would not be significant for the design or conformity of the lift but where the lift design has been to BS EN 81-1 or BS EN 81-2, and the delay takes handover of the lift past 31 August, there is a problem for conformity of the lift to the Lifts Regulations.

### Background

There are two possible routes for the conformity of a lift which has been designed to BS EN 81-1 or BS EN 81-2 and placed onto the market (the date of signing the Declaration of Conformity (DoC)) from 1 September:

- 1) Re-design the lift fully to BS EN 81-20.
- 2) Have the design approved as being in accordance with the Essential Health and Safety Requirements (EHSRs) of the Lifts Regulations for those parts of the lift deviating from BS EN 81-20 e.g. a Design Examination Certificate (DEC) from a Notified Body.

The first option above may not always be practical or even technically feasible owing to the large number of changes. This can make it impossible to easily modify the equipment, but instead require its complete replacement. This is clearly not in the best interests of clients.

### Solution

As an alternative, installers could request approval from their Notified Body, but it will be important to demonstrate to the Notified Body that the original installation was intended to be completed by 31 August 2017. Information which would help to demonstrate this might include:

- i) The date the contract was signed
- ii) The date the units were placed on order/manufactured in manufacturing centres/factories (since this might be very different to the contract signing)
- iii) The date on which it was originally intended (in the contract) to place the lift into service.
- iv) The intended date the lift will be completed and placed into service (we understand that Notified Bodies might put a limitation on this e.g. the end of 2017).
- iv) The level of work needed to make the units conform to BS EN 81-20.

These points are to ensure that this route is not abused by accepting an order to the old standards in the weeks preceding the deadline. In addition it might be that some units can be made compliant with the requirements of BS EN 81-20, but that there are physical impossibilities such as lack of available standing/crouching area without moving to collapsible handrails around the car roof.

There is one situation where there may be additional considerations to those listed above.

Where the headroom refuge space is less than that indicated in BS EN 81-20 then the government department of Business, Energy and Industrial Strategy (BEIS) have issued guidance on obtaining a derogation in relation

to the Lift Regulations. Normally such requests should be made in advance of starting the construction of the lift at the installation site as we set out in the [March 2017 LEIA Newsletter](#).

### What about the different full height protection devices in BS EN 81-20 and BS EN 81-70:2003 (for disabled access)?

A new BS EN 81-70 which references BS EN 81-20 is due soon but, until it is published, the existing BS EN 81-70:2003 (which references BS EN 81-1 and BS EN 81-2) can be used with lifts designed to BS EN 81-20. Both these standards have requirements for full height protection devices to the doors but which are not the same. The committee responsible for these standards, GEN TC10, has confirmed that the requirements of BS EN 81-20 can be used as the new standard represents the state of the art.

A similar issue occurs also in the application of BS EN 81-21:2009 (new lifts in existing buildings) which references the refuge spaces in BS EN 81-1 and BS EN 81-2. It is clear that BS EN 81-21:2009 can be used if the refuge spaces are now understood to be those defined in BS EN 81-20.

**For more information, please feel free to contact us at [enquiries@leia.co.uk](mailto:enquiries@leia.co.uk)**



## Trailblazer Apprenticeship standard published

*As featured in previous newsletters, from 1 April 2017, companies in England\* with payrolls over £3 million are paying the Apprenticeship Levy. Lawrence Dooley, Safety and Training Manager at LEIA, explains how this can be used in conjunction with the new Trailblazer Apprenticeship Standard...*

The funds a company pays under the Levy are held in an electronic account which can be used to fund training from approved training providers. The ability to fund traditional apprenticeship frameworks will stop in 2018, whereas the funding can be used for the new Trailblazer Apprenticeship standard.

The government Institute for Apprenticeships (IfA) has recently published the Lift, Escalator and Moving Walk Electromechanic Apprenticeship Standard which is available [here](#). This has been developed by the industry Trailblazer Apprenticeship group which is a group of interested parties (including employers, training providers and LEIA) and is employer-led being chaired by David Warr of Titan Elevators.

The group is now well advanced on producing an Assessment Plan.

This will put more detail on what is required including a considerable amount on “End Point Assessment” (EPA) which is one of the key differences between Trailblazer Apprenticeships and previous frameworks. Once this is approved, the apprenticeship can be launched.

Using the experience of producing the Lift and Escalator Standard, work to produce the Stairlift, Lifting Platform and Service Lift Electromechanic apprenticeship standard will be developed.

Funding for the new Apprenticeship standards can be drawn against the employers’ contributions to the Apprenticeship Levy making their introduction for both junior apprentices and improvers very important for the industry.

Companies who fall below the Apprenticeship Levy payroll threshold, will see the traditional funding of apprenticeships phased

out with the end of the existing frameworks. This is likely to be in 2018, but they will be able to make a claim for apprentice training to 90% of the cost.

LEIA has surveyed members on these changes and found that there was good awareness among those paying the apprenticeship levy (27% of respondents). Awareness among those not paying the levy was quite poor and points the way for more work to raise the profile of these changes.

*\* Since this is something under the responsibility of the devolved assemblies, other parts of the UK are keeping their pre-existing arrangements or making their own.*

## Dates for the diary...

Useful dates for the next six months

### 31 AUGUST:

withdrawal of BS EN 81-1, BS EN 81-2 and BS EN 81-72: 2003

### 1 SEPTEMBER:

LEIA distance learning semester start

### 7 SEPTEMBER:

LEIA Distance Learning End Test

### 20 – 21 SEPTEMBER:

10th annual Symposium on Lift and Escalator Technologies

[www.liftsymposium.org](http://www.liftsymposium.org)