

NEWS FROM AROUND THE INDUSTRY...

ILEVE BOHS... LEV Conference 2023
The Studio, Birmingham, 7th Feb 2023
Where the future is headed

Sessions to include:

- HSE update on prosecutions affecting the industry
- Workshop on LEV schematics
- RIBA Programming of work
- Qualifications in the LEV industry

With updates from BOHS & ILEVE, networking opportunities and suppliers, booking is due to open in the coming weeks on the BOHS website.

It will again be a hybrid event.

BESA.... SHEP Health Surveillance Webinar
Thursday 17th November 2022 at midday
GoToWebinar – Hosted by BESA [click to book](#)

BESA.....The Building Engineering Services Association, has issued an urgent warning about a potential fire safety weakness in a large number of building ventilation systems.

It has issued an interim technical bulletin (VH001) ahead of a full update of its industry guidance for the 'Installation of Fire Dampers and Smoke Dampers' (DW145) which is due for launch at the Association's **National Conference in October**.

ILEVE News

Since the AGM we have a new Honorary Secretary with Kathryn Sowerby returning to the Steering Committee (SC) and taking on this role, and the rest of the SC wish to thank her for taking this on and wish her well.

The **ILEVE AGM 2023** will be held virtually at 8.30am on 18th April 2023. In past years we have held the AGM, mainly, in June but, due to a rule change at CIBSE all Groups and Societies are required to have their AGMs prior to the end of April so that Committees can be in place prior to the CIBSE AGM in May.

We have also been busy working with our Strategic Partners, such as BOHS, IOSH and SAFed, on various work programs along with continued representation on the BSI and ISO Standards that we are involved with on behalf of our Members and the LEV industry.

Meet the Steering Committee Member Dean Greer- Chair

Having worked for Allianz Engineering Inspection Services for the last 15 years. Dean has been involved with LEV Engineering for over 35 years including installation, maintenance, TEXT and commissioning of systems. Involved in the day to day running of his district, Dean sees a diverse range of clients - aggregates to foundries, universities to schools and those in between. Undertaking TEXT of LEV along with a lot of retrospective commissioning as we know these are not always forthcoming!



Dean became a member of the ILEVE Steering Committee in 2010 and has held the posts of Honorary Treasure and Chair of the Membership and Grading Committee. He believes strongly in the fundamental concept of ILEVE, in establishing a good benchmark of competence within our industry.

"It is my hope that ILEVE ensures that equipment and services that both we and our membership provide is fit for purpose and ultimately does what we all want it to do"

Dean spends, what spare time he has, providing agility training for dogs and their owners.

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Technical Committee Updates...

TC01 Text & Commissioning Reports

The new Text & Commissioning report templates are now available to download from ILEVE website.

[Click on this link to visit the page.](#)

TC02 ILEVE Partnership Scheme

Several companies are currently going through the application process and others has expressed an interest and we are looking forward to receiving their application.

Applications can be made through this [link](#).

TC03 Recirculating Filters

No update

TC04 On torch extraction

No update

TC05 BOHS BESA Qualifications

The proposal for BOHS P'series qualifications being linked to BESA Skills cards is due to go before the BESA Skills Partnership for approval in November.

If approved it will enable holders of P601, P602, P603 & P604 and who have passed a suitable Health and Safety test to apply for a [Gold 'Advance Craft' SkillCard](#) for an LEV Engineer.

Persons working towards these qualifications, subject to their application, will be able to hold the red 'trainee' card.

TC06 Direct Reading Instruments

No update

TC07 Stack Design

David Mitchell will be working with ILEVE and CIBSE to provide technical guidance and design notes on effective LEV stack design standards and limitations.

This will be linked into the current regulatory guidance on size, height and stack exit conditions to aid in reducing stacks heights where applicable, reduce fan energy associated with stack design and a coherent technical document to aid stack design.

We are keen to invite interested parties to aid with TC07 to aid in producing guidance based on industry best practice and current knowledge.

The TC07 committee is expected to meet on a quarterly bases via MS TEAMS for approximately 1 hour to work through available suitable material and to draft documents for industry peer review. This is a voluntary role and no reimbursements can be made however individuals and their companies will be recognised in acknowledgements.

Fume cupboard competency matrix

No update

HSE UPDATE

ACT NOW TO PROTECT YOUR WORKERS FROM FATAL LUNG DISEASE

HSE is inspecting manufacturing business where materials that contain silica are used

Silica is a natural substance found in most stone, rocks, sand and clay. When these materials are processed in manufacturing, respirable crystalline silica (RCS) particles can become airborne.

If breathed in, these particles can cause irreversible lung disease which can prove fatal.

Managing the health risks in the manufacturing sector

Every year, around 12,000 people die from [work-related lung diseases](#) linked to past exposure to hazardous substances at work in Great Britain. This includes the inhalation of RCS, or silica dust, which can be created through manufacturing processes. These deaths are preventable if exposure to the risks is effectively controlled.

Silica particles are produced during many manufacturing tasks. Brick and tile manufacture, ceramics, stone working, manufacture of kitchen worktops and foundry work can all produce silica particles in airborne dust which are too small to be seen.

By breathing it in, you and your workers could develop the following lung diseases:

- Silicosis
- Chronic obstructive pulmonary disease (COPD)
- Lung cancer

[Watch our short video on silicosis](#) where HSE's Chief Medical Advisor, Professor David Fishwick, explains more about this disease.

Refreshed guidance and targeted manufacturing inspections

From October, HSE Inspectors will be visiting manufacturing business where materials such as stone, rocks, sand and clay are used.

- [Brick and tile silica - COSHH direct advice sheets](#)
- [Foundry - COSHH direct advice sheets](#)
- [Stoneworkers - COSHH direct advice sheets](#)

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Professor Kevin Bampton, Chief Executive of BOHS and former legal academic, discusses deep misunderstanding and the relationship between occupational hygiene and LEV.

Any lay person, like myself, who is a regular reader of LEV Central on LinkedIn cannot fail to be impressed by the professionalism and insight of LEV practitioners.

This morning, I did find myself dusting off distant memories of physics just to satisfy myself that I understood the flow rate problem being discussed. I'm better at the mathematical side than anything else, having earned myself a footnote in the development of the mathematical *Catalan-Larcombe-French* sequence as my only evidenced contribution to the field.

The eponymous Dr French ("Frenchie", to his friends) and I used to discuss many matters of scientific interest as amateur gentlemen scientists. Both of us had a passionate interest in advanced physics, but both of us accepted we did not truly understand it.

Frenchie used to say, "I know enough to know I don't understand it: but in a deep way." I've carried the notion of not understanding something in a deep way throughout my professional life. It's what, as a legal professional you become truly accomplished in. When one advocates for a client, you have to understand the client's problem enough to persuasively communicate it. Do you understand it properly? Probably not, but you don't understand it at a level that leads to the appreciation of the client's expertise and the importance of it for the case, for the client and for Society.



Occupational hygienists should always be in a position of knowing enough about LEV as a technical endeavour to be able to appreciate what they do not know. Their deep appreciation of the complexity of excellence in LEV needs to be there at the heart of their practice. But that does not make them equipped, competent or appropriate to design, install and test LEV. By the same token, it is vital that LEV engineers understand enough about occupational hygiene to make their installations effective within the operational, practical and behavioural contexts of installation.

However, that deep knowledge should never be confused with the ability to assure clients of occupational hygiene outcomes. In enthusiasm and with all good intentions; or, under pressure from clients and given the shortage of occupational hygienists, this is unfortunately a message that seems to be getting lost as recent HSE enforcement action across the sector is highlighting. [Click here to read the full article](#)



BESA- URGENT WARNING OF POTENTIAL FIRE SAFETY WEAKNESS IN VENTILATION SYSTEMS.

The Building Engineering Services Association (BESA) has issued an urgent warning about a potential fire safety weakness in a large number of building ventilation systems.

It has issued an interim technical bulletin (VH001) ahead of a full update of its industry guidance for the 'Installation of Fire Dampers and Smoke Dampers' (DW145) which is due for launch at the Association's National Conference in October.

BESA said it was taking the unusual step of producing an interim announcement because of the urgent nature of the problem after annual inspections carried out by maintenance contractors found that "a huge number of dampers" had been incorrectly installed.

Head of technical Graeme Fox explained that many did not comply with manufacturers' instructions and needed remedial action "without delay".

"We have been alerted to the very dangerous practice of using self-drilling 'tek' screws which do not melt when temperatures rise during a building fire. This means spring-loaded dampers will not be released to contain the spread of fire within the zone and ensure the integrity of the fire stopping measure," he said.

"Dampers must be secured by fusible fixings that allow the duct to break away otherwise the collapsing duct could pull the damper out of place and break the seal between the fire zones," added Fox.

BESA's technical committee sanctioned the technical bulletin, which is freely available on the Association's website, to give contractors the information and appropriate terminology to alert clients to this potentially life-threatening problem.

The bulletin also updates the guidance and statutory requirements covering installation, testing and maintenance of fire dampers and smoke dampers including clients' legal obligations to ensure their fire safety systems remain fit for purpose in line with the Regulatory Reform (Fire Safety) Order 2005 for England and Wales and the Fire Safety (Scotland) Regulations 2006.

[Click here to read the full article](#)

ILEVE DIARY

Below are some of the activities members of the ILEVE Steering Committee will be undertaking in the coming months...

Date	Activity	ILEVE Representatives
7 th – 10 th November	AIRMON 2022	
7 th February 2023	LEV Conference – Where the future is headed	
18 th April 2023	ILEVE AGM 2023 will be held virtually on at 8.30am	

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Positions vacant!

The ILEVE Steering committee has several positions vacant which we are keen to fill.

Like all positions on the ILEVE committees they are all voluntary roles and apart from the reimbursement of the occasional traveling expenses from CIBSE, we do this to help develop the industry and to promote best practice in all matters relating to LEV.

We are looking to fill the following positions...

Marketing committee chair

Working with ILEVE members who volunteer to sit on the committee, we are looking for a chairperson to organise the committee, develop ideas and report back to the main Steering Committee.

We envisage this requiring approx. 8 TEAMS meetings per year (typically 2 hours each), and we are looking for the committee to carryout activities such as:

- Develop on-line content for our members
- Organises an annual training day
- Help promote the LEV conference (joint with BOHS)
- Produce literature for inclusion in industry publications

Event's Organiser

Working with the marketing committee, we are looking for an individual who would be able to organise and run our events.

Typically, we organise three events each year including:

- LEV Conference (joint with BOHS)
- Annual General Meeting (on-line)
- Technical Training Day

We also see potential in organising one-day training seminars on specific topics or short webinars.

The organiser will be responsible for organising content, booking venues and promotion of the events.

Grading committee member

The ILEVE grading committee is looking for two new members to join to help with the influx of new members applying for LEV grading.

To undertake this role, you need to have a good understanding of LEV, the qualifications within the industry and what good experience looks like.

Typically, this role involves attending regular (monthly) TEAM's meetings to work through members applications.

Business Plan Co-ordinator

As ILEVE grows over the coming years, we are looking for someone to join the committee to develop a business plan for the next 1, 3 & 5 year periods, to develop our interaction with our industry partners and to develop our offer for our members.

Once the plan is in place, we would then look for guidance and management of the plan along with updates and amendments.

YOUR ILEVE Newsletter

If you have an interesting news story or article that you would like to share with other ILEVE members (and others), please send it in to us at ileve@cibse.org

Closing date for articles to appear in the January 2023 edition is 10th December 2022

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