The First Five Years
“Aware don’t care”
Five year review

Wally Gilder - FCIBSE MILEVE
Steering Committee Chair
The purpose of the conference – Was to present the current view of the LEV industry and enable delegates to have the opportunity to respond. It was important that all views be aired, be they positive, contrasting or dissenting.

It was proposed and agreed after several presentations and much discussion that a new non profit making body for individuals be created and to be known as the Institution of Local Exhaust Ventilation Engineers (ILEvE).

It is understood that the HSE would prefer a single group representing the industry. A single group that welcomes the involvement of all concerned with LEV including: Contractors, Designers, Insurers, Manufacturers, Occupational Hygienists, Testers, Trainers, Researchers etc.

The key role of the group being to reduce occupational diseases caused by airborne contaminants. We believe that this will only be achieved by training and accrediting members with a recognisable qualification, guaranteeing competence in their own discipline, working to a code of practice and agreeing to continuing professional development.

This is a very ambitious project and will require the input and commitment of many individuals and organisations.
This is a very ambitious project and will require the input and commitment of many individuals and organisations.
The Mission is to provide safely controlled working environments, free from harmful airborne contaminants by:-

1) Providing our members and the public with first class information

2) Providing a career path for Engineers in Local Exhaust Ventilation to full professional registration.

3) Maintaining and Enhancing professional excellence throughout by developing and accrediting courses of study

4) Providing a membership designation FILEVE, MILEVE, AILEVE etc. as a credential giving others evidence of demonstrated knowledge and skills.

5) Setting the criteria for best practice in the profession

6) Speaking for and representing the profession
Progress to date
HSE Support

• We are supported by the Health and Safety Executive. Speaking ahead of the launch of the ILEVE in May 2011, Judith Hackett, Chair of the HSE, said:

  – "The formation of ILEVE is the first step to achieving the goal of improved competence for the LEV industry."
The Institute of Local Exhaust Ventilation Engineers

Name

Grade

Membership No.

Member XILEVE

123456

Improving workplace air quality

Expiry date

31 January 2013

See reverse for qualification detail
The Institute of Local Exhaust Ventilation Engineers

Name  W P Gilder
Grade Member XILEVE
Membership No. 123456
Expiry date 31 January 2013

Completed Modules

<table>
<thead>
<tr>
<th>Module</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupational Hygiene</td>
<td>✓</td>
</tr>
<tr>
<td>Thorough Examination &amp; Test</td>
<td>✓</td>
</tr>
<tr>
<td>Commissioning</td>
<td>✗</td>
</tr>
<tr>
<td>Design</td>
<td>✓</td>
</tr>
<tr>
<td>Installation Management</td>
<td>✗</td>
</tr>
</tbody>
</table>
ILEVE Supporters & Industry Partners

- We are proposing to offer companies the opportunity to become ‘ILEVE Supporters’ or ‘ILEVE Industry Partners’
- This is to both give companies some degree of prestige and help us spread greater awareness of ILEVE
Local Exhaust Ventilation Information Day
Tuesday 24th January 2012
Beedles Lake Golf Club 170 Drome Lane East Goscote
Leicester LE6 3WQ

Agenda

9.30  Registration & Coffee
10.00  Welcome
      Sud Rudge - Unit 1 Union Health & Safety Advisor
10.15  The Institute of Local Exhaust Ventilation Engineers - Objectives, benefits & program with ILEVE
      Vicky Alder - ILEVE Steering Committee
10.45  Membership grading proposal
      Dean Gower - ILEVE Membership & Grading Subcommitee Chair
11.15  Coffee Break
11.30  LEV Training courses, progress to date
      Paul Redman - ILEVE Training & Technical Subcommitee Chair
12.00  The HSE & Work-related lung diseases
      James Wheale - Specialist Inspector Occupational Hygiene - LEV lesson offered HSE
12.15  An Audience with Phil the Walker
      Phil Wykes
12.30  Carvery Lunch
13.30  Changes to HSG 256
      Jane Martin - ILEVE Steering Committee member
13.45  HYGCA - Guide to good LEV practice
      Gary Squires - ESRC UK
14.00  HSE Field Review
      Duncan Smith - Specialist Inspector - HSE
14.30  Occupational Hygiene & LEV.
      Aden Mur - University of Manchester Centre for Occupational Hygiene & Health
15.00  Coffee Break
15.15  CIBSE Membership Update & The Development of the ILEVE LEV Guide
      John Armstrong - Past President CIBSE, ILEVE Steering Committee member
15.30  ILEVE Supporters
      John Whitham - Secretary SHAPA, ILEVE Steering Committee member
15.50  Questions
16.00  Close

A charge of £25.00 per person will be collected on the day
For further information or to reserve a place please e-mail: vicky@ileve.co.uk Tel: 07789 992667
ILEVE Home
About ILEVE
ILEVE Membership
Competency Card
ILEVE Rulebook
ILEVE News
Training
Technical Information
HSE Downloads
Links
ILEVE Accredited Members

INSTITUTE OF LOCAL EXHAUST VENTILATION ENGINEERS

ILEVE MEMBERSHIP
All people involved in frontline LEV activities should be members of ILEVE.

About ILEVE

COMPETENCY CARD
End users and employers of LEV services can now be confident that their LEV engineer is suitably qualified and competent.
ILEVE Accredited Members

Please see below for details of ILEVE Accredited members who have requested a website listing.

<table>
<thead>
<tr>
<th>Accredited Competencies</th>
<th>A= Principles of occupational hygiene</th>
</tr>
</thead>
<tbody>
<tr>
<td>B= System design</td>
<td></td>
</tr>
<tr>
<td>C= Installation management</td>
<td></td>
</tr>
<tr>
<td>D= Commissioning</td>
<td></td>
</tr>
<tr>
<td>E= Thorough examination &amp; testing</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Surname</th>
<th>First Name</th>
<th>ILEVE Grade</th>
<th>e-mail</th>
<th>Accredited Competencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bastow</td>
<td>Jane</td>
<td>Member</td>
<td><a href="mailto:Jane.Bastow@pjdust.co.uk">Jane.Bastow@pjdust.co.uk</a></td>
<td>A,B,C,D,E</td>
</tr>
<tr>
<td>Title</td>
<td>More details</td>
<td>The Employer/ System Owner</td>
<td>Employer’s plant supervisor and operation/ LEV responsible Person</td>
<td>LEV Project Manager</td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>----------------------------</td>
<td>------------------------------------------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Roles &amp; Responsibilities</td>
<td>Roles &amp; Responsibilities in all aspects of the lifecycle of effective LEV from procurement to modification/replacement</td>
<td>L</td>
<td>M 5</td>
<td></td>
</tr>
<tr>
<td>Hazards Recognition</td>
<td>Hazards Recognition</td>
<td>L</td>
<td>M 5</td>
<td></td>
</tr>
<tr>
<td>The Heirarchy of Control</td>
<td></td>
<td>L</td>
<td>M 5</td>
<td></td>
</tr>
<tr>
<td>Properties of airborne contaminants</td>
<td>Properties of airborne contaminants</td>
<td>L</td>
<td>M 5</td>
<td></td>
</tr>
<tr>
<td>Processes and sources</td>
<td>Processes and sources, materials used</td>
<td>L</td>
<td>M 5</td>
<td></td>
</tr>
<tr>
<td>Hazardous substances generated during</td>
<td>Changing the form of the material used during processing eg machining a non hazardous solid to produce hazardous dust particles or heat used during the process causing a hazardous emission</td>
<td>L</td>
<td>M 5</td>
<td></td>
</tr>
</tbody>
</table>
TRIPE

TExT Report Initiative, Providing Examples
Why New Approaches?

The cost of “standing still”..

• ~9 bus loads dying each month from Occupational Cancer

• ~108 bus loads dying each year from occupational cancer

• Another ~50 busloads dying each year from occupational respiratory diseases

• Impact on lives, livelihoods, quality of life, the personal direct costs and the indirect costs to the UK Exchequer.
Why New Approaches?

The cost of “standing still”..

(Another way)

• Around 450,000 new cases of occupational-related ill-health are reported annually.

• Historical exposures to harmful substances are responsible for an estimated 13,000+ premature deaths each year.

• Work-related ill-health Costs Billions to UK plc
The LOcHER Project

Blossomed in 2014
<table>
<thead>
<tr>
<th>Objective of Activity</th>
<th>Why this specifically</th>
<th>STUART Delivers/Measures</th>
<th>Priority in 2014 within Portfolio (rank order)</th>
<th>Sponsor (e.g. another part of industry or group etc)</th>
<th>Progress Report (to add through year)</th>
<th>Work Review Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering Group Meetings</td>
<td>Steering Committee</td>
<td>Tuesday 3rd Feb 2015 GISS, Eastham Tuesday 5th May 2015 Restriction Ltd, Melton Monday Tuesday 11th July 2015 GISS, Eastham Tuesday 28th September 2015 Restriction Ltd Melton Monday</td>
<td>1</td>
<td>Steering group</td>
<td>Throughout year</td>
<td>As listed in milestones</td>
</tr>
<tr>
<td>Newsletter</td>
<td>Newsletter to members. Four every year. On in each year should carry a CFD element.</td>
<td>First Newsletter January 2015.</td>
<td>1+++</td>
<td>Marketing group</td>
<td>Throughout year</td>
<td>Soon after each steering group meeting</td>
</tr>
<tr>
<td>Membership Current</td>
<td>Growing membership. Offer free membership to corporate members. Offer free membership to all corporate members. Offer free membership to all corporate members. Target all people studying the BCHS proficiency modules. Offering a membership incentive. Perhaps offer free membership to ILEVE, literature and application forms to be made into a package to be made available to BCHS course providers.</td>
<td>180 by and 2015 370 by and 2016 350 by and 2017</td>
<td>1</td>
<td>Marketing group</td>
<td>July 2015</td>
<td>December 2015</td>
</tr>
<tr>
<td>Upgrade LinkedIn use</td>
<td>ILEVE should use LinkedIn to offer technical assistance to the membership. Perhaps also offer a general LinkedIn for the general public or target specific industry.</td>
<td>All members link to group. Consider implication and resources.</td>
<td>1+++</td>
<td>Adrian Sims</td>
<td>July 2015</td>
<td>December 2015</td>
</tr>
<tr>
<td>Woodworking</td>
<td>Set up a specific part of the ILEVE website dedicated to woodworking to complement the HSE 2015-2018 woodworking campaign. Possible use LinkedIn.</td>
<td>Increase visibility of ILEVE working with HSE</td>
<td>1+++</td>
<td>Marketing Group</td>
<td>February 2015</td>
<td>July 2015</td>
</tr>
<tr>
<td>Competency/Skill Card</td>
<td>Issue all card to members that have been grandfathered. Plan to continue grandfather process as new members join. Plan to continue until end of 2013</td>
<td>Issue card to all grandfathered members as members submit and pass criteria.</td>
<td>1++</td>
<td>Steering group</td>
<td>July 2015</td>
<td>December 2015</td>
</tr>
<tr>
<td>Competency / SKILL card with the pre-industry CSCS card</td>
<td>ILEVE investigates whether it is worth merging the Competency / SKILL card with the pre-industry CSCS cards and CSCs.</td>
<td>Explore with GISS options</td>
<td>2</td>
<td>Steering group</td>
<td>July 2015</td>
<td>December 2015</td>
</tr>
<tr>
<td>Engineering Council</td>
<td>Progressing with GISS members going through the chartered engineers system</td>
<td>Members going through the system currently</td>
<td>1++</td>
<td>Individual members/GISS</td>
<td>July 2015</td>
<td>December 2015</td>
</tr>
<tr>
<td>Training Courses</td>
<td>ILEVE innovation manager course developed</td>
<td>Course ready to run</td>
<td>1++</td>
<td>Paul Rainson</td>
<td>July 2015</td>
<td>December 2015</td>
</tr>
<tr>
<td>ILEVE Diploma University Course</td>
<td>Develop training course with a university, to offer training to engineers want to convert to LEV engineering. Possibly offering apprenticeship course</td>
<td>University approached. Beckinsale, and Cranfield</td>
<td>1+++</td>
<td>Marketing group</td>
<td>Feb 2015</td>
<td>December 2015</td>
</tr>
</tbody>
</table>
Aware Don’t Care

Examples

1) Baker
2) Welder
3) Welder