



2024

10th & 11th
September
2024

Hosted by



British Occupational
Hygiene Society

Buying and Using LEV: The Regulator's Perspective

**David Towler (Principal Inspector,
Health and Safety Executive)**

Buying and Using LEV: The Regulator's Perspective

David Towler B.Sc. (Hons), PGDip, CMFOH
Principal Specialist Inspector of Health and Safety



Working with LEV Suppliers

What is LEV? Common types of LEV

Which LEV is right for me?

What services might you contract out?

Where to find potential competent resource?

What skills should they have?

What red flags are there to look out for?

Key Documents

Checks

Resources

Clearing the Air

Clearing the air

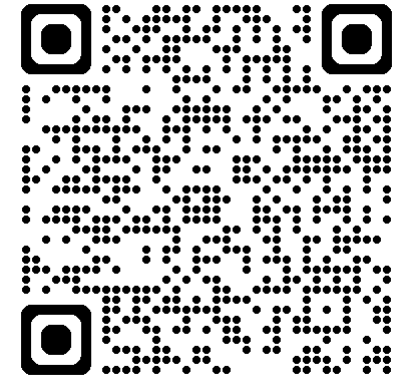
A simple guide to buying and using local exhaust ventilation (LEV)



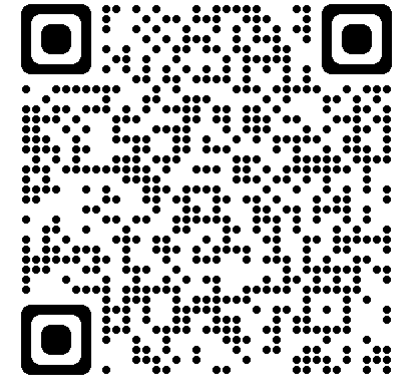
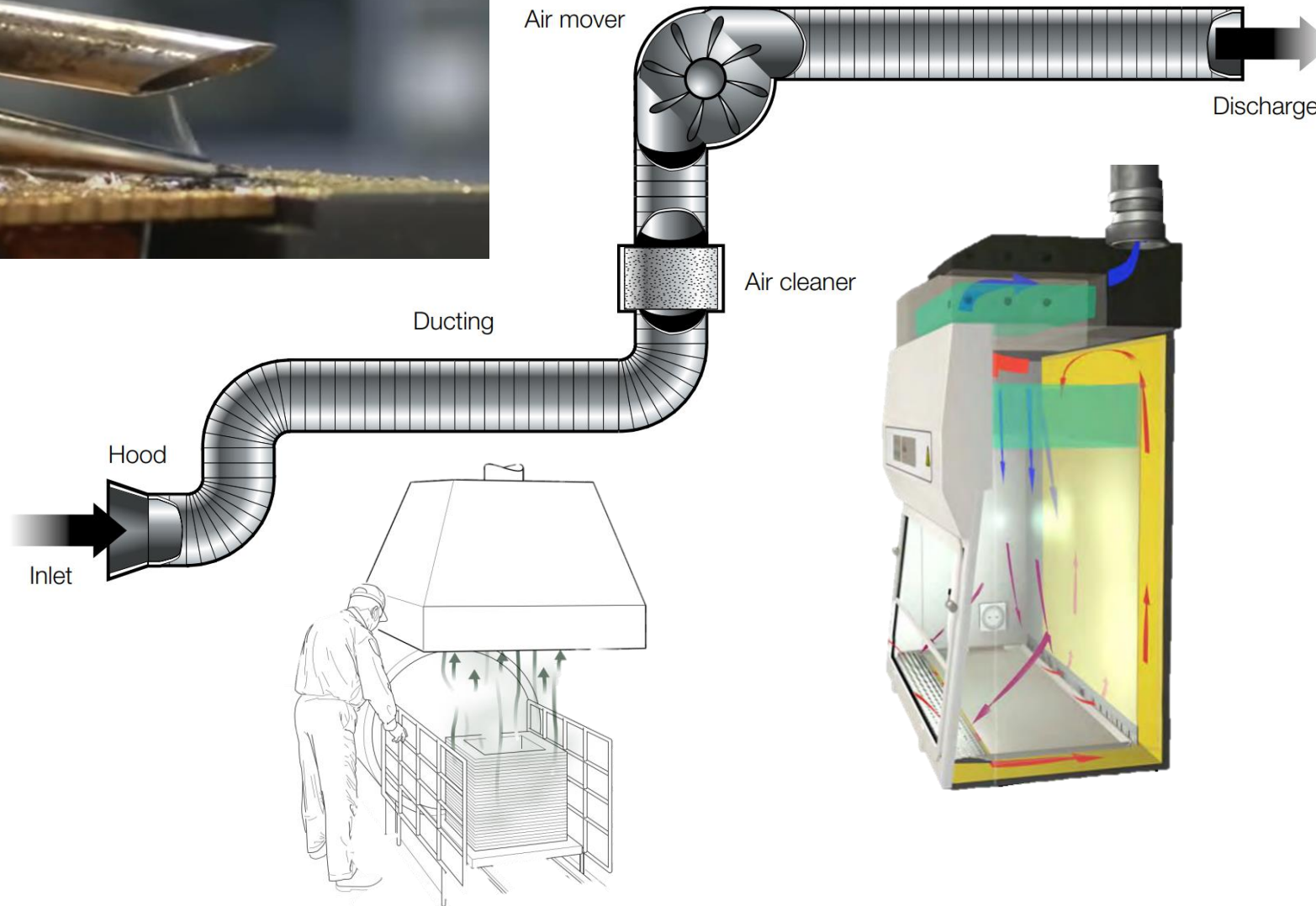
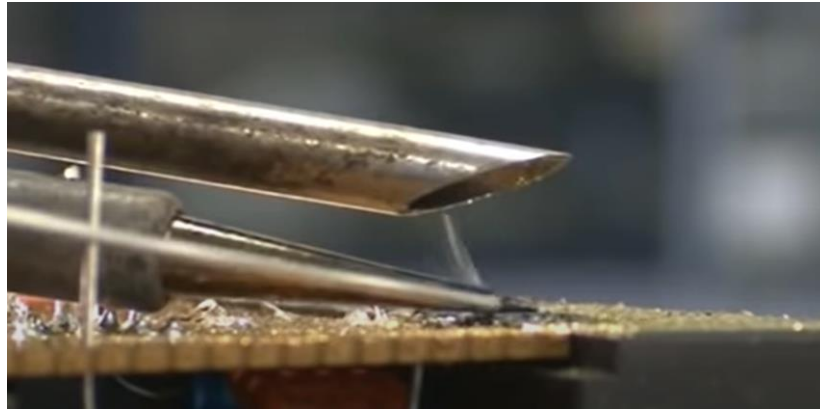
INDG408(rev1)
Published 01/16

Every year, thousands of people in Great Britain die of lung disease or get asthma because of airborne contaminants they have breathed in at work. If your work produces dust (eg flour dust in bakeries), mist (eg paint mist from spraying), fume (eg from welding), gas (eg carbon monoxide from furnaces) or vapour (eg solvents from painting), there may be a risk to the health of your employees.

This leaflet is aimed at employers or anyone who installs LEV. Many employers install LEV to protect their workers' health but it doesn't always work effectively. It needs to be of the right type and properly installed, used and maintained. This leaflet advises on how to select the right LEV for your workplace and how to maintain it properly to help protect your employees.



**PROTECTING PEOPLE
AND PLACES FOR**



What services are commonly undertaken by third-parties

- Design
- Installation
- Commissioning
- Thorough Examination and Test
- Training
- Servicing

But which LEV is Right?

- Guidance
- There is no guidance for my process
- Specification



What should you put in a Specification?

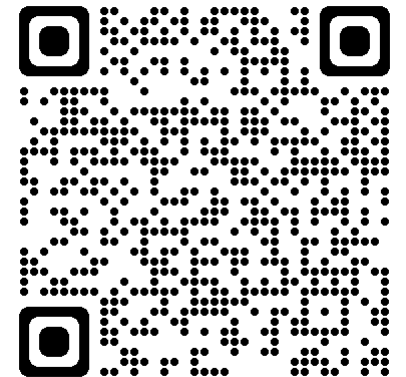
- Describe the process
 - The contaminant
 - Hazard/Properties of the agent (health and others)
 - Sources
- Requirement for indicators

What should you put in a Specification? (Cont.)

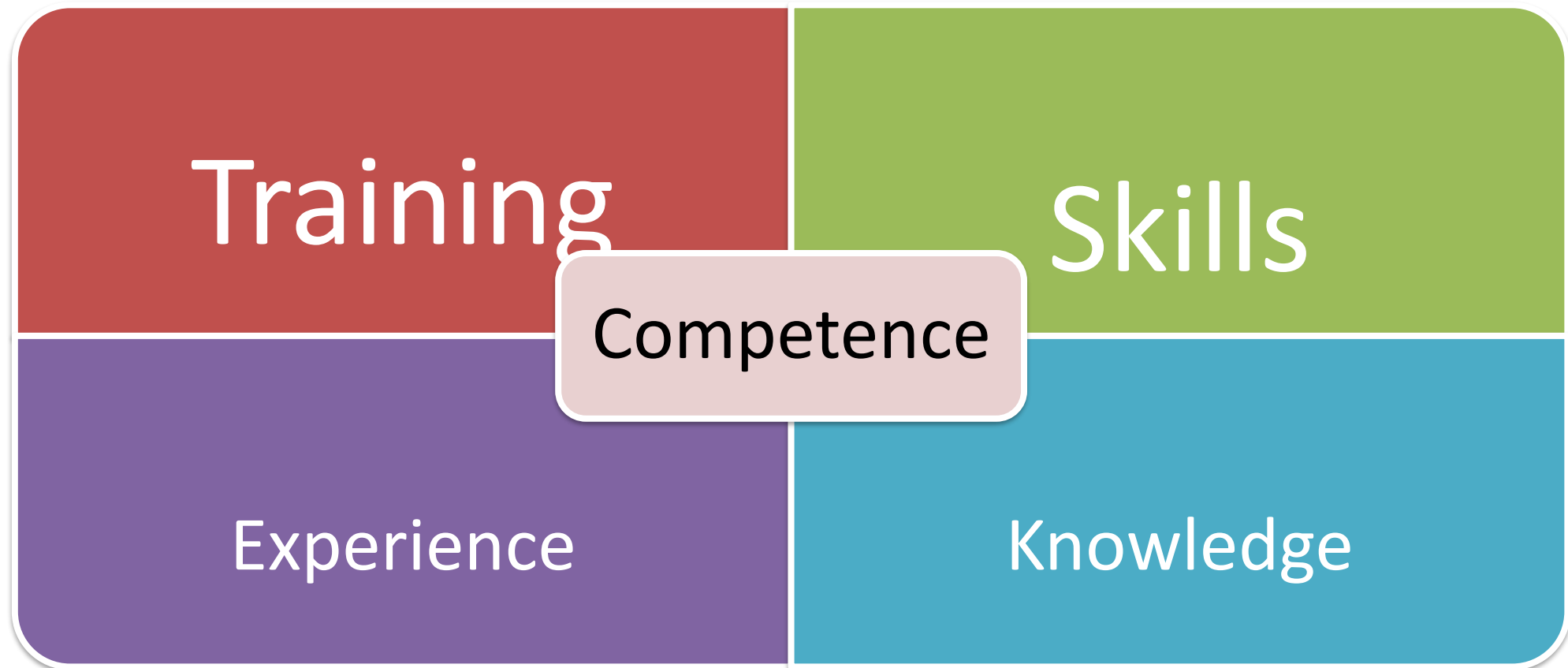
- Ease of use. How will it be cleaned? Maintained? Bags changed? Filters changed?
- What parts will you need to maintain the system
- What information will the supplier provide? Performance benchmarks? Log books? Service schedules?
- Is training going to be required?

Where to find competent resource?

- Trade/Industry Bodies
- Other organisations in your industry
- Organisations in your local area
- Professional Bodies such as the British Occupational Hygiene Society (BOHS)
- There are other stakeholders listed on our website that can also support you, follow the QR code to view the page.



What makes someone competent?



What are some red flags to look out for?

- Failing to understand YOUR process
- Reluctant to commit to control
- Unwilling to provide testimonial or passed experience
- Not undertaking CPD
- Does not provide the required documentation
- Does not have Quality Control / Assurance processes



Key Documents with a System

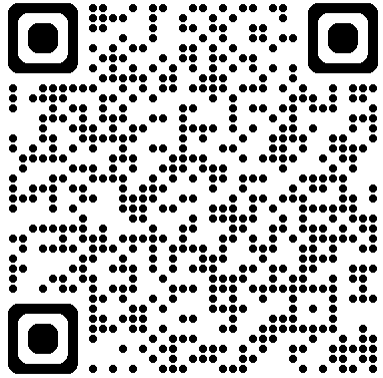
- User manual
- Logbook
- Commissioning Report



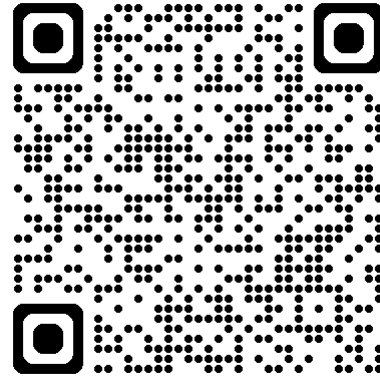
LEV Installed and Working....what next?

- Training
- Maintenance Planning
- Routine Checks
 - Daily
 - Weekly
 - Monthly
- Scheduling Thorough Examination and Testing

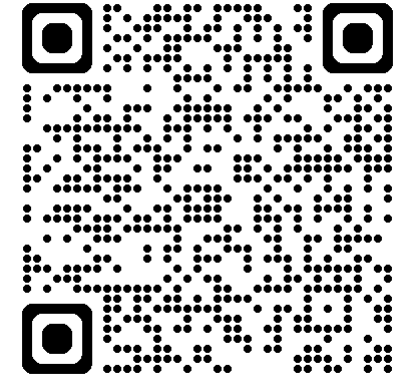
Resources



HSE LEV Info



Welding Fume
Selector Tool



Clearing
the Air