

# INFORMATION PACK

The logo for HLA Services Ltd. features the letters 'HLA' in a bold, blue, serif font. The letters are set against a light blue, stylized background that resembles a large, flowing ribbon or a circular swoosh that loops around the text.

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LEVEL INFORMATION PACK



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# LOCAL EXHAUST VENTILATION

## WHAT IS IT?

LEV SYSTEMS - are ventilation systems designed specifically to take dusts, mists, gases, vapours and fumes out of the air before they can reach the operators breathing zone. A correctly designed LEV system will:

- Collect the contaminated air
- Take the collected air, away from people
- Clean the air, if needed, and get rid of the contamination safely.

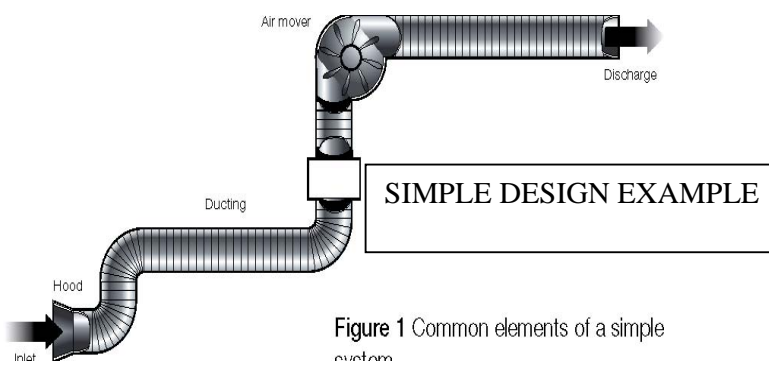


Figure 1 Common elements of a simple system

## What makes up an LEV system?

- Hoods- to capture airborne contaminants locally at the source of fume, dust etc...
- Ducting - to carry airborne contamination, to exhaust and disburse, or to the filter system to clean satisfactorily.
- Filter system/ air cleaner- to filter out the contamination and exhaust the clean air
- Discharge / exhaust- safe release of air into atmosphere

## Why should I bother with LEV?

Every year, people in Great Britain are dying of lung disease, or getting asthma due to contamination they are breathing in; some of the worst cases come from the following:

- Organic dust in the food industry.
- Paint mist and solvents from paint spraying, and mixing.
- Fume from welding, soldering.
- Carbon monoxide from furnaces.

If this is not reason enough, you also have a legal obligation to protect your employees, under current COSHH regulations you have to employ the hierarchy of control, of which LEV is a integral part.

## What is the right kind of LEV?

HLA have spent a lot of time and money to make sure the training given to our engineers, to design and install LEV systems, is firstly the right training and secondly will conform to current legislation, all systems are designed to P601, P602 standard, along with strong business partners and over thirty years of experience we are well placed to make sure the right unbiased equipment selection is made.

## How do we know its right?

Following any installation a user manual with the general specification of the LEV system, including: a description of the system with diagrams, what it was designed to control, an initial thorough examination and test, serviceable parts, and a schedule of future maintenance and tests required.

## LEV Testing & Maintenance

Many employees buy local exhaust ventilation to protect there employees but doesn't work, this may be because, its not properly installed, used, specified or maintained. HLA offer LEV testing, servicing and planned preventative maintenance. This is a worthwhile investment as it minimizes the potential down time often incurred when equipment is not maintained properly. Legislation from the HSE also requires LEV equipment to be tested at regular intervals (i.e. every 14 months max between tests, depending on usage and a full risk assessment of the process being carried out). The HSE recommends that all testing of LEV systems be in accordance with guidance P 601

Should any of the above requirements be of interest to you please do not hesitate to contact us.

Yours Sincerely

**Neil Smith**  
LEV Ventilation Manager

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## Our Services

Here at HLA Services we can offer

Full action plan on failed systems  
Design and installation of new projects to BOHS P602  
Air sampling (approved UKAS laboratories are used)  
Maintenance & servicing of plant & equipment

Please call our offices and ask for a free consultation on what would best suit your needs. We are always happy to offer advice or answer any concerns or queries you may have.

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LOCAL EXHAUST VENTILATION

## Our People

### Mission Statement

To provide a service that exceeds our customer's expectations

### Our Vision

To provide a facilities engineering product with a service and reputation second to none

### Our Values

- Always looking to welcome customer feed back
- Learn from criticism and review methods
- Include staff in customer comments both good and bad
- Work together as one team
- Show engineers importance within the team
- Celebrate success
- Learn from mistakes
- Be honest and open with internal business
- Improvement and innovate the business
- Encourage fresh ideas
- Develop existing progress to operate in a proven way
- To maintain the highest possible health and safety policy possible
- Maintain and improve our service and develop our workforce