



Local Exhaust Ventilation (LEV) Testing & Services

LEV systems/equipment must be examined
and tested every 14 months

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What is Local Exhaust Ventilation (LEV)

Each year thousands of workers in the UK develop illnesses such as lung disease, cancer and other complications as a result of exposure to airborne contaminants whilst at work. Any work that produces a dust, mist, fume, gas or vapour could be a substance hazardous to health and cause unnecessary risk to an employee's health.

Employers are often unaware that their employees might be overexposed to potentially harmful airborne substances. This is contributed to by a number of factors, including inaccurate identification of the source of exposure, controls not being correctly used or the owner/senior manager being over optimistic about the effectiveness of their current controls.

A LEV system is an engineered solution specifically designed to capture and control any airborne substance before it can become inhalable and potentially harmful to the user. By means of appropriate extraction methods a LEV system provides control measures in the workplace preventing diseases and conditions occurring later in life.

Types of LEV equipment	
Fume Cupboards	Carpentry Extracts
Partial Enclosure Booths	Welding Extraction
Extraction Canopy Hoods	Spray Booths

LEV is a way of controlling and reducing the exposure of workers to dust, fumes and vapour which could be hazardous to their health. For example, a manufacturing process may have localised extraction hoods connected with ductwork to a fan and filter which transports contaminated air away from the workers before discharging it into the atmosphere.

Typical industries and activities where the control of airborne hazardous substances may be needed:

Saw mills and joinery
 Welding and sheet metal work
 Stone-masonry
 Manufacturing environments
 Factories
 Laboratories and chemical handling
 Schools, Colleges and Universities
 Paint-spraying and powder coating

Engineering
 Bakery and food manufacture
 Plating and metal treatment facilities
 CNC machining
 Grinding, finishing and polishing
 Fabric and material manufacture
 Garages

LEV systems are often used to control	
Gases	Fibre
Vapours	Steam
Dusts	Chippings
Fumes	Swarf
Mist	

Legal LEV testing requirement:

It is a legal requirement, as set out in the Health and Safety at Work etc Act 1974, for any employer to maintain healthy working conditions for employees. Any employer that uses LEV techniques in the workplace must have equipment examined and tested every 14 months (under the current Control of Substances Hazardous to Health Regulations COSHH) to ensure it is working effectively and safely..

Every employer who provides a LEV system shall ensure: "...it is maintained in an efficient state, in efficient working order, in good repair and in a clean condition" - Regulation 9 -1 COSHH.

Our LEV expertise and services:

Jasun Envirocare has over 40 years of industry experience in: dust extraction, thorough LEV testing, inspection, repair and maintenance for all types and sizes of businesses across the UK and abroad.

We undertake thorough examinations of LEV equipment. Also extraction servicing & remedial works, personal air sampling. We measure the technical performance using state-of-the-art calibrated equipment to assess the effectiveness of the LEV system.

Where appropriate/necessary, we will make recommendations and can supply/order parts for any repair work. All our inspections and tests are fully in accordance with current Health and Safety Executive's Control of Substances Hazardous to Health (COSHH) guidelines, who govern the LEV industry.

Our LEV engineers hold the BOHS (British Occupational Hygiene Society) P601 'Commissioning and Thorough Examination and Testing of Local Exhaust Ventilation Systems', which the HSE guidance (HSG258) refers to as one measure of competency in this area. We also hold the further P604 certifications 'Performance Evaluation & Management of Local Exhaust & Ventilation Systems'.

HSG258 – relates to guidance on the maintenance, examination and testing of LEV, commonly used to control the release of hazardous airborne substances in the work environment.

Our LEV testing services include:

- a physical inspection of the system inclusive of a system diagram
- providing a comprehensive LEV report, detailing performance rates of each system
- issuing a Certificate of Compliance within COSHH requirements - should the LEV system meet HSE guidelines
- a range of service packages & maintenance
- carrying out assessments of new ventilation systems by means of commissioning
- supply and install new LEV systems & filtration solutions

Our reports clearly address and assess whether the LEV system complies with all current regulations and legislation:

Regular LEV testing determines how effectively a LEV system operates and removes dust and fume contaminations from the atmosphere before discharging them safely, so that people cannot breathe them in.

Good LEV service regimes and regular testing ensure that existing LEV systems continue to remove contaminations in the air before people breathe them in, delivering a safer workforce and cleaner environment.



What makes us special...

- The Eurovent Certificate that Jasun Envirocare Plc has been awarded proves that our air filters deliver on promised performance.
- Our in-house expertise puts us at the forefront of innovation in the commercial air hygiene and water treatment industry.
- We provide a 'one-stop-shop' for filter supply, distribution and installation to meet all commercial air hygiene and water treatment needs:
 - We deliver clean air where it matters. We provide air filters, clean ductwork, monitor indoor air quality and validate Clean Rooms.
 - We manage water hygiene systems by monitoring, cleaning and refurbishment of commercial water systems.
- We have a proven track record in providing fast turn-around, from order to delivery.
- Our full range of filter products, including custom sizing and pricing, can be purchased online at: www.jfilters.com
- We manufacture and supply filter products that meet International Organization for Standardization (ISO) and European (Eurovent) requirements.
- We provide a customer care and advice service that is rapid in its response and effective in meeting the challenge.

Our Accreditation

Our determination to be at the forefront of our industry means that we seek validation of our working practices and quality standards from all relevant accreditation bodies and agencies.

We aim to provide our customers with the peace of mind that they are complying with all statutory regulations in: protecting the environment; caring for the health and safety of employees and the communities in which we live.



We are accredited by BSI to ISO 9001, ISO 14001 and to OHSAS 18001.

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FREE Energy Filter Audit - Contact our Service Division

Online Services - Our Energy Rated products are available online at www.jfilters.com and at www.jasunfiltration.com