

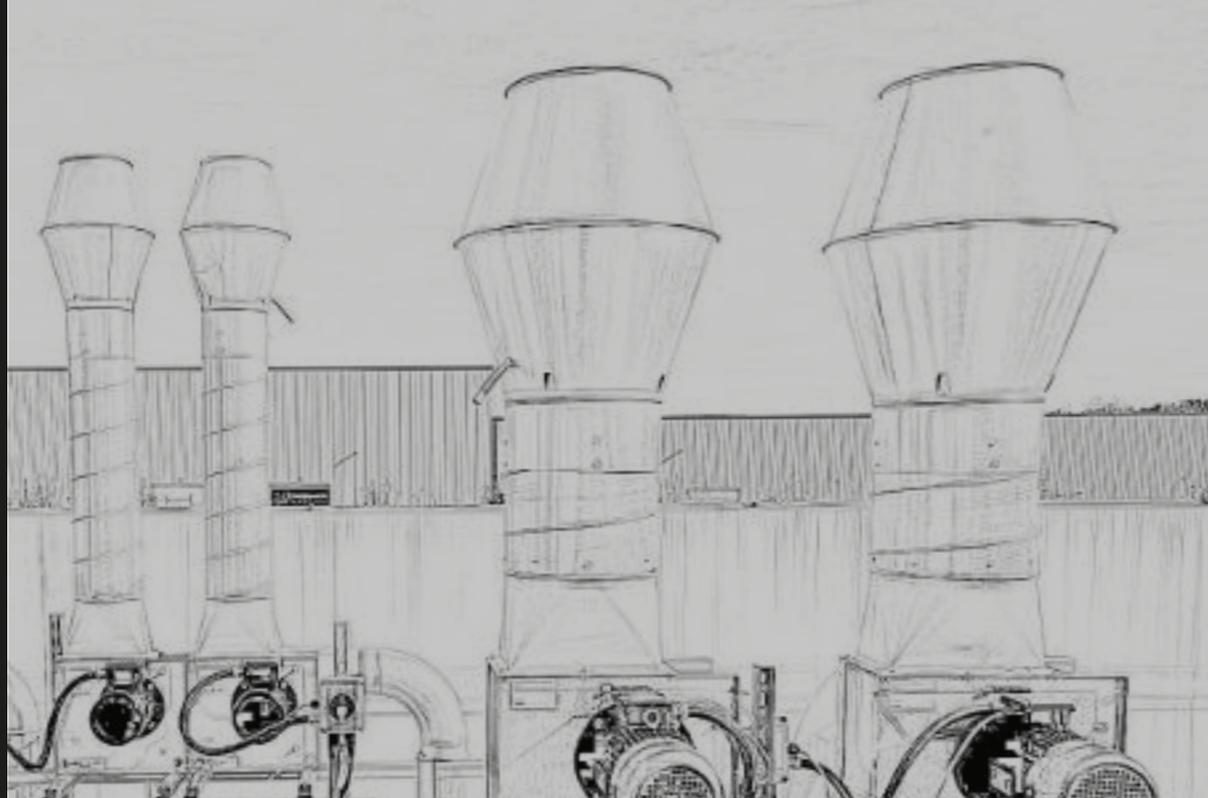


McCarthy

Environmental Ltd

ENGINEERING CLEAN AIR

YOUR COMPLETE LEV SUPPLIER
& CLEAN AIR PROVIDER



Protecting your workforce from exposure to airborne contaminants

It is the 'why' behind everything we do at McCarthy Environmental

www.mccarthy-environmental.co.uk

What is LEV?

Local Exhaust Ventilation (LEV) is equipment designed to extract airborne particulate from production environments.

Why is LEV important?

Airborne particulate, if left uncontrolled, can be hazardous to health. Some contaminants can be carcinogenic or cause long-term implications to people's health.

Your Responsibility as an Employer

It is your responsibility to protect your employees by conforming to HSE's guidelines as outlined in COSHH Regulations 2002 (as amended) and HSG258 guidance.

LOCAL EXHAUST VENTILATION (LEV) SPECIALISTS

COMPLIANCE

Supporting organisations across the UK to reach and maintain compliance with current HSE regulations in the presence of airborne contaminants such as dust, fume, and oil mist.

QUALITY

Providing long-term quality solutions and services across a broad range of industries, utilising equipment and components that are built to last.

COST-EFFECTIVE

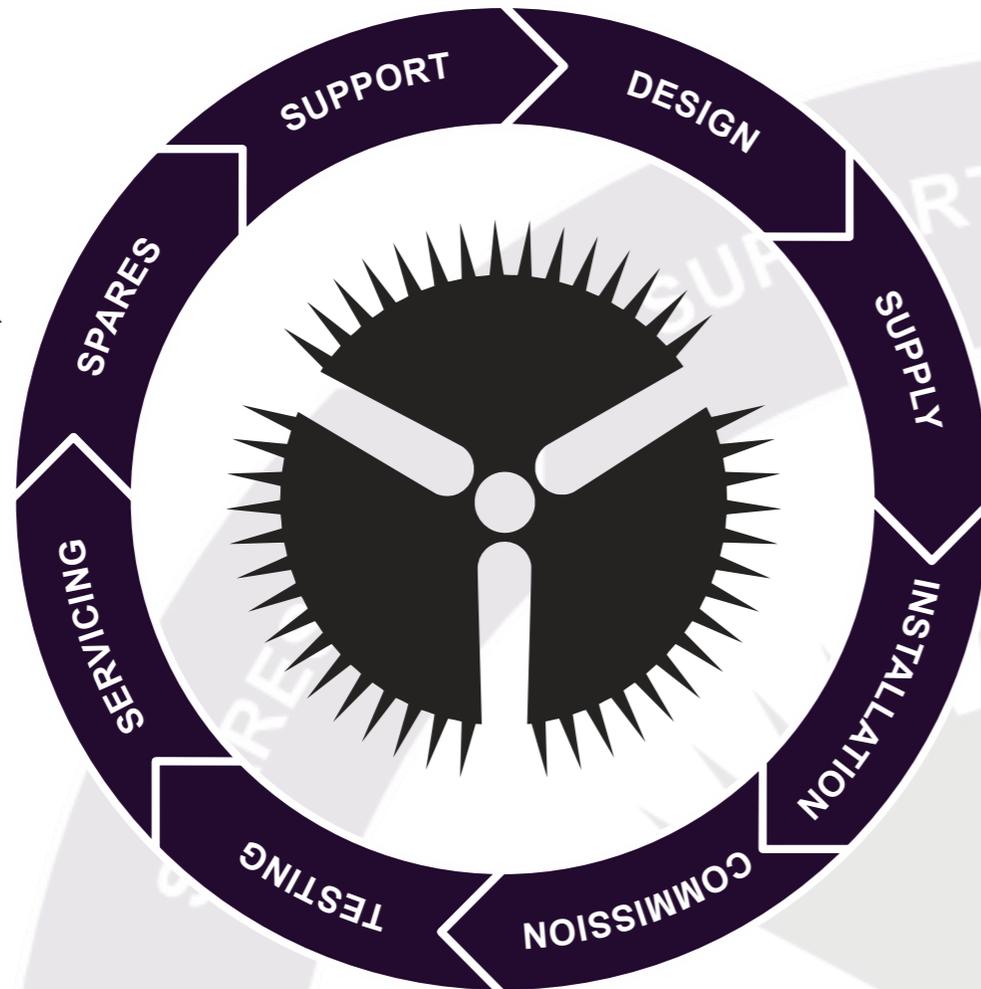
Supplying cost-effective, high-quality solutions that require reduced preventative maintenance and minimised downtime, resulting in increased production and an economical whole-life cost of the system.

enquiries@mccarthy-environmental.co.uk

THE COMPLETE EXTRACTION SOLUTION

YOUR CLEAN AIR PARTNER

From system design conception, right the way through to ongoing testing and maintenance. All aspects of LEV are provided by McCarthy Environmental.



WHY CHOOSE US:

The only provider you need to manage your LEV requirements, for the lifetime of your production.

We care about your people's wellbeing just as much as you do, which is why we make sure our systems are compliant and fit for purpose.

Impartial, practical advice from qualified industry experts.

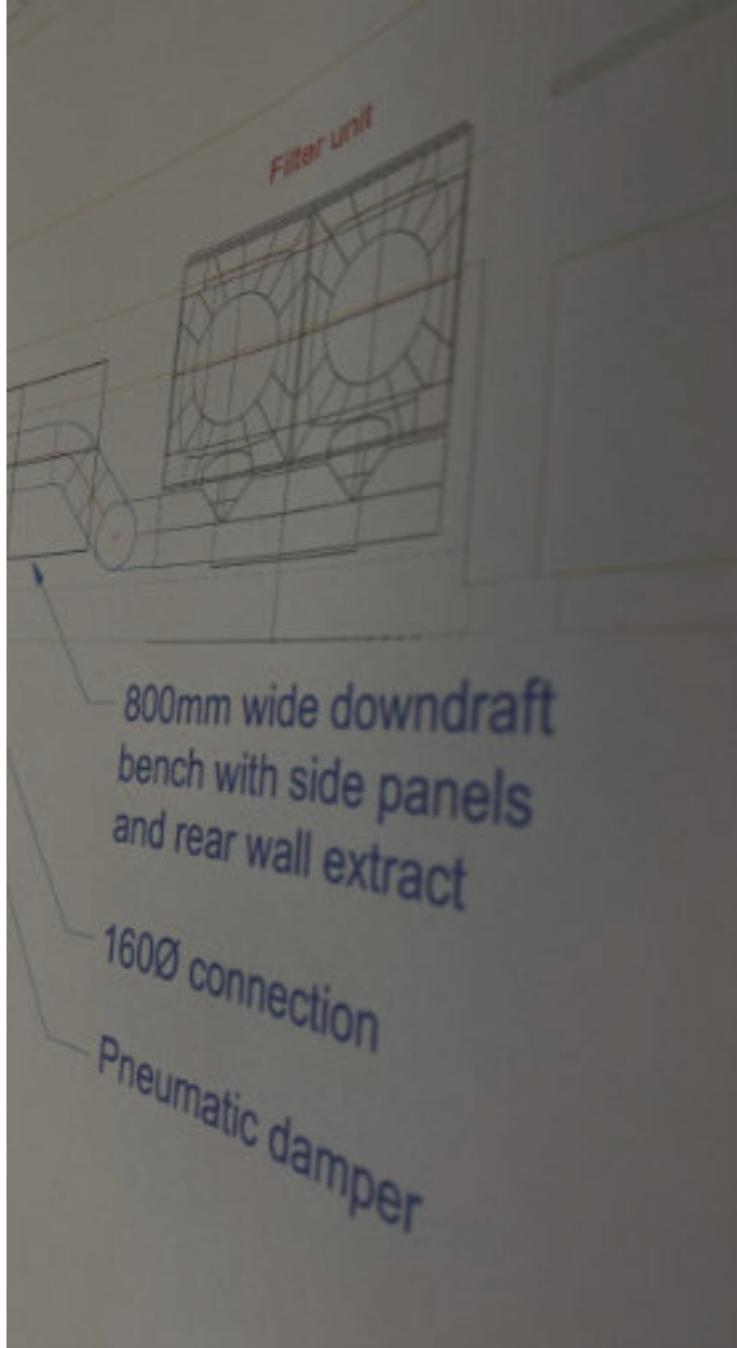
We choose to work with quality suppliers that we can trust, bringing you reliable products that are built to last.

Existing systems are not a problem. Our knowledgeable team can work with existing systems regardless of manufacturer.

We value long-term relationships, which is why we offer ongoing servicing contracts, to ensure your LEV systems are maintained and remain fit for purpose over time.



BESPOKE LEV SYSTEM DESIGN



Filter unit

800mm wide downdraft bench with side panels and rear wall extract

160Ø connection

Pneumatic damper

By understanding your processes and the materials your operators work with, our highly-skilled and experienced project engineers will work with you for the duration of the project.

We design LEV solutions that are fit for purpose, meet HSE regulations, and effectively protect people in your working environment.

Fully HSE Compliant

Our systems are designed to conform with HSG258 guidance with consideration given to EH40/2005 Workplace Exposure Limits.

Well-designed LEV systems provide a clean, safe working environment for your employees, which in turn increases productivity and staff retention.

All of our design engineers hold a BOHS P602 in basic design principles of LEV.



DESIGN



QUALITY, COST-EFFECTIVE SOLUTIONS



Recommending the right solution for your application is our highest priority

With over 60 years of combined experience across a range of industries, our team provides an impartial and application-driven solution that effectively controls airborne particulate in your workplace.

We partner with a select number of LEV manufacturers with a range of products to control oil mist, dust, and fume, including options for ATEX, W3, and HEPA. These high-quality solutions are designed to minimise preventative maintenance, to maximise production, and reduce the whole-life cost of the system.

This application-driven approach provides assurance that the control solution is compliant with HSE guidelines and regulations.



SUPPLY



PROJECT MANAGEMENT & INSTALLATION



Proficient in a broad spectrum of projects including individual and central ducted systems, building projects, and reinstalls, our design and installation teams work seamlessly to provide a comprehensive and compliant extraction solution from inception to completion.

Whether working directly with the client, through a building services company, main contractor or M&E contractor, our aim is to work in collaboration with you and your team to create an approach that will deliver the project on time with minimal disruption to your business.

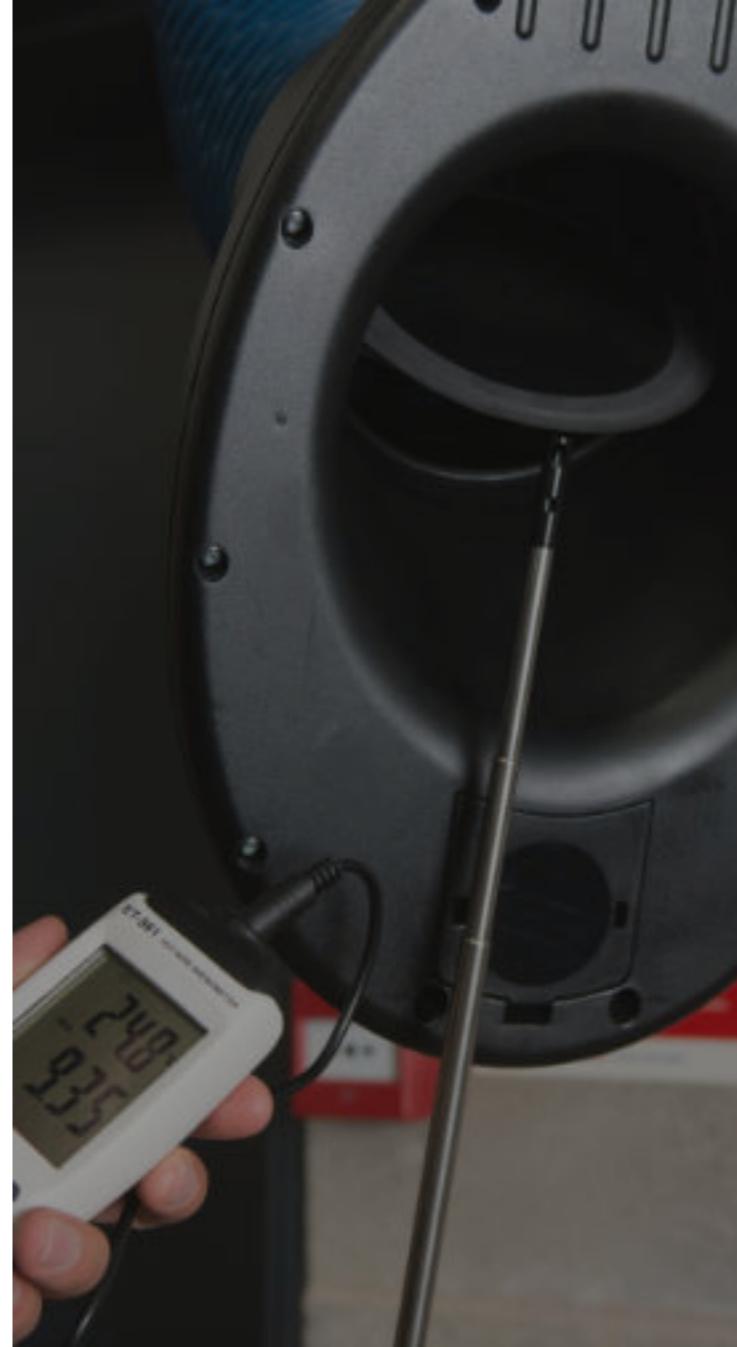
To ensure we maintain the highest standards, we continue to invest in the latest technology including 2D and 3D design software and uphold accreditations with CHAS, Safe Contractor, and BESA.



INSTALLATION



COMMISSIONING



Once your system has been installed, our qualified engineers will balance the system to ensure that the system meets the design specifications.

Upon completion, the engineer will provide a detailed commissioning report which forms the benchmark for future LEV testing.

A comprehensive handover

The commissioning report forms part of the LEV logbook, which is supplied with each system, and includes:

- » A full set of as-installed drawings
- » A record of the system benchmarks
- » A user manual for the system
- » Daily checklists for your operators
- » Maintenance history log
- » Thorough training for your operators on how to use the system safely and effectively.

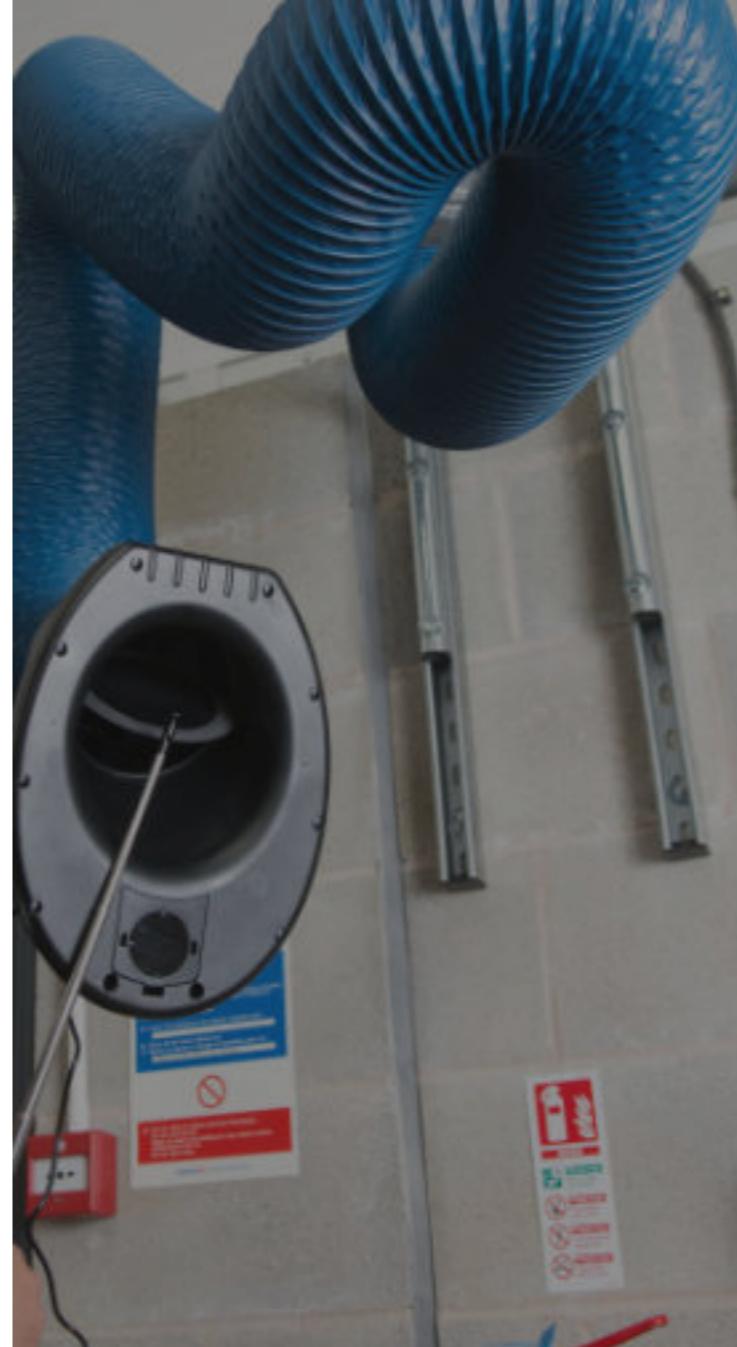
All our commissioning engineers hold a BOHS P604 in performance management, commissioning and management of LEV.



COMMISSION



LEV TESTING



COSHH Regulations 2002 (as amended) stipulate that it is a legal requirement for LEV systems to be tested at a minimum every 14 months or more frequently depending on the process, such as metal grinding.

Our engineers test the system, comparing back to the commissioning benchmark report or previous test, assuring that your LEV system remains compliant.

Legal compliance

Receive a detailed post-inspection LEV report for your records, which must be retained for a period of at least five years.

Where defects or improvements are highlighted, we will provide a fully costed plan to return your system to a compliant state.

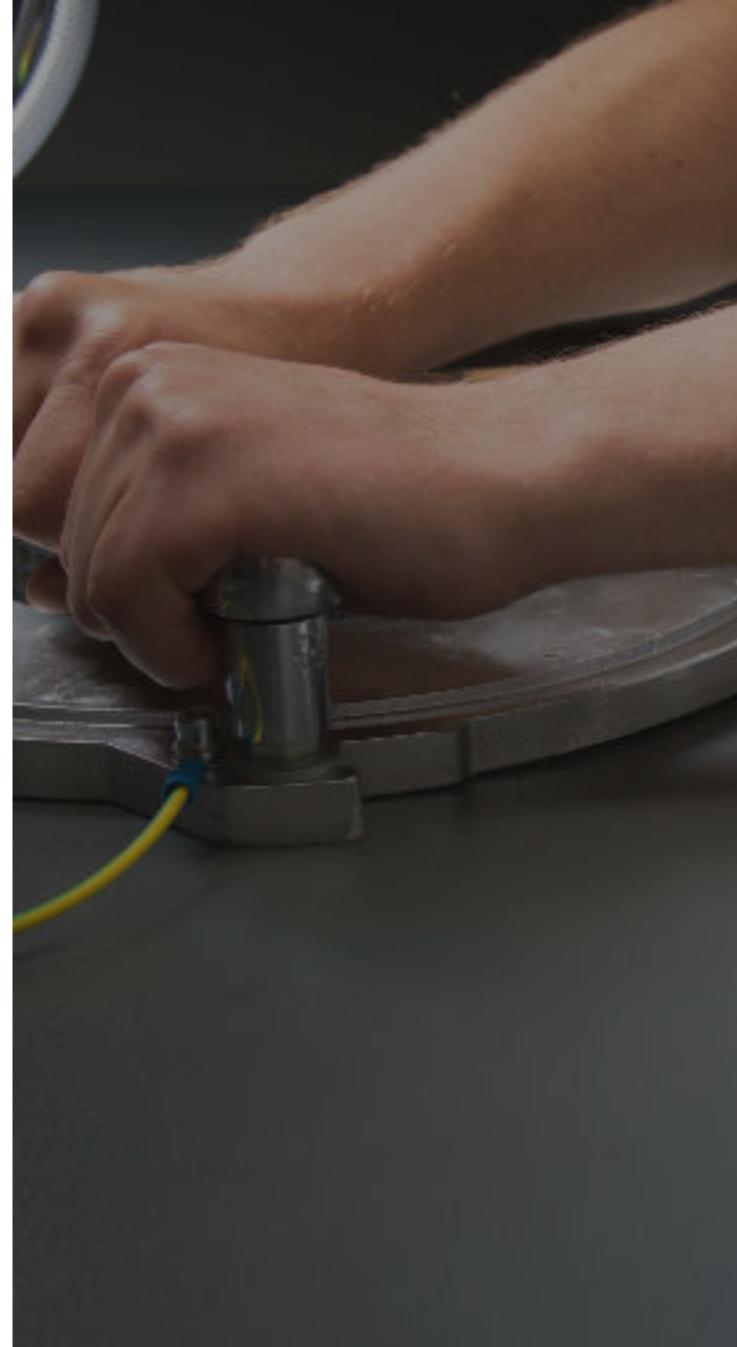
All of our test engineers hold a BOHS P601 qualification in thorough examination and test of LEV systems.



TESTING



LEV SERVICING



Servicing is critical to extending the lifespan of your LEV system

Our inspection service is to ensure the system is maintained to manufacturer's specifications and remains fully operational. This includes an inspection of all vital components such as filters, seals, fans, motors, drive belts, etc. as well as any required mechanical adjustments.

From this initial inspection, a detailed service report is issued, providing recommendations for replacement parts, spares, or consumables. Our service engineers advocate for replacement parts solely when necessary, prioritising cost-effectiveness and optimal system performance.

As well as preventing avoidable system failure, regular servicing enhances the likelihood that your system will remain both operational and compliant.



SERVICING



SPARES & CONSUMABLES



Spares for high-pressure production environments

We understand that continued production in most companies is business critical. To support our customers, we stock a comprehensive range of spares and consumables available for next day delivery.

Additionally, we offer advice on critical spares and a fitting service for filter replacements and other consumable parts.



SPARES



Comprehensive support service

As LEV specialists, we understand that comprehensive post-sales support is imperative. Our priority is to ensure your continuous operation.

As such, our experienced team can offer a wide range of support including:

- » Preventative maintenance contracts
- » Timely service and LEV testing reminders
- » Advice over the phone
- » Swift callout service available



REGULATIONS

COSHH REGULATIONS 2002 (AS AMENDED)
Control of Substances Hazardous to Health

HSG258

Controlling airborne contaminants at work - A guide to local exhaust ventilation (LEV)

EH40/2005

Workplace exposure limits

EH44

Dust in the workplace - General principles of protection

DSEAR 2002

Dangerous Substances and Explosive Atmospheres Regulations

COMPLETE PROVIDER FOR LEV SOLUTIONS.

RELIABLE AND WORTHWHILE INVESTMENT.

CONTINUALLY INVESTING BACK INTO OUR PEOPLE.

CONSTANTLY SOURCING NEW METHODS TO REDUCE COSTS WITH
INNOVATIVE TECHNOLOGY.

UP TO DATE WITH HSE LEGISLATION, SO YOU DON'T HAVE TO BE.

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