



**FILTERMIST**

LEV Testing

## LEV Systems...

- Collect contaminated air at source
- Contain the contaminants
- Clean the air and return it to the atmosphere if required.

## Is the air in your workplace clean and safe to breathe?

Protecting employees from exposure to harmful airborne contaminants is a legal requirement. Filtermist provides a number of services designed to ensure control measures are operating as intended.

- ✓ Ensure COSHH compliance
- ✓ Comprehensive reports delivered direct to your inbox
- ✓ Expert advice.

## LEV & the law

Control of Substances Hazardous to Health (COSHH) Regulations require all employers to control risks from substances such as dust, fume and oil mist. In the hierarchy of controls, installing an LEV system is the most effective control measure for airborne particulate if the risk cannot be eliminated or substituted.

**According to the HSE\*, An estimated 12,000 lung disease deaths each year are linked to past exposure at work.**

\*<https://www.hse.gov.uk/statistics/causdis/>

## How frequently does your LEV need testing?

| Process  | Minimum Frequency |
|--|-------------------|
| Processes in which blasting is carried out in or incidental to the cleaning of metal castings in connection with their manufacture.  | Every month       |
| Jute cloth manufacture   | Every month       |
| Processes, other than wet processes, in which metal articles (other than gold, platinum or iridium) are ground, abraded, or polished using mechanical powder, in any room for more than 12 hours a week. | Every 6-months    |
| Processes giving off dust or fume in which non-ferrous metal castings are produced.  | Every 6-months    |

## LEV testing

By law, all LEV systems must be kept in efficient working order and also have a periodic thorough examination and test. COSHH regulations require most LEV systems to be tested every 14 months by a competent person, for some processes equipment may need to be tested as frequently as every month! (See table above). Details on LEV regulations can be found by visiting [www.hse.gov.uk/lev](http://www.hse.gov.uk/lev).

Contact our LEV team to find out more

WEBSITE: [www.filtermist.co.uk/lev-testing](http://www.filtermist.co.uk/lev-testing)

PHONE: 01952 290500

EMAIL: [sales@filtermist.com](mailto:sales@filtermist.com)

# Filtermist's Service

## Our LEV test procedure

Filtermist will LEV test, check and quantify a system's performance with these testing methods.

- Review of RAMS
- Review of previous LEV test / Commissioning Report / Service Schedule
- Review of the working practice and process
- Visual or Borescope offline inspections of the motor, filters & body
- Visual or Borescope inspections of external and internal ducting condition
- Fan / motor rotation check
- Face velocity tests
- In duct velocity and pressure tests (rigid only, not flexible ducting in line with BOHS standards)
- Negative pressure tests
- F Monitor / pressure gauge recording
- Oil drainage correct (hoses connected, no droops in flex)
- Smoke clearance time test
- Indicative particle count test
- Capture distance calculation
- Air change calculation ACH

Only the above tests specific to the system being tested will then quantify the system's performance and control the exposure of the harmful contaminate from the personnel to a level as low as reasonably practicable (ALARP).

## Dedicated Engineers

Filtermist employs experienced P601 and P602 qualified engineers that provide COSHH compliant LEV testing and servicing throughout the UK for all makes and models of LEV systems.

## Digital LEV test reports

Our LEV engineers log all details of their visit using a digital tablet meaning risk assessments, method statements, and LEV test reports can easily be retrieved from your inbox.

- Less paperwork
- Easy to file and find when needed.

## Service to suit you

We understand that all businesses operate differently which is why we can tailor our service to suit you. If you want the security of knowing that COSHH compliance is one less thing for you to think about, our service agreements can take of that, or if you'd rather contact us when you need our services, that's fine too – planned or ad hoc, it's entirely up to you.



## Why Filtermist?

Filtermist has manufactured equipment that cleans air in industrial workplaces since 1969 and is trusted by many of the world's leading manufacturers. We know manufacturing. We know LEV systems. We know how to protect people from harmful airborne contaminants by maintaining cleaner, safer, more productive working environments.



Part of Absolent  
Air Care Group

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