

## COSHH - Legal Requirements

COSHH Regulations (Control of Substances Hazardous to Health) require that employees be protected from hazardous substances. All machinery installed to control hazardous substances **MUST** be properly maintained and regularly examined and tested.

This includes Local Exhaust Ventilation (LEV) installed to control inhalation of hazardous substances.

### Regulation 9:

This regulation decrees that LEV plant provided to comply with COSHH Regulations should be examined and tested **AT LEAST ONCE EVERY 14 MONTHS**. Records of the examinations and tests should be kept for at least five years from the date of inspection.

Employers are legally obliged to maintain control equipment in an efficient state, in efficient working order and in good repair. Employers must also arrange for thorough examination and testing of such equipment.

### Our Services:

HVAC & Refrigeration Engineering offer a range of services to ensure compliance with COSHH regulations. Maintenance, examination and testing of LEV plant should be considered as an integrated programme. We will work with clients to design a suitable programme specific to the LEV plant concerned. Typically, this will comprise:

- (i) Initial appraisal of all LEV plant.
- (ii) Development of a regular maintenance routine.
- (iii) Thorough examination and testing of all LEV plant - *at least once every 14 months*.
- (iv) Remedial solutions.

### (i) Initial Appraisal

To determine whether the plant effectively captures and disposes of emissions and meets required performance. Air velocities, static pressures and other operating criteria are assessed to provide a benchmark for monitoring ongoing performance of the plant/system.

The initial appraisal forms part of the health risk assessment to comply with COSHH.



### (ii) Maintenance

When required, we will work with clients to develop a preventative maintenance programme to meet the needs of the LEV plant concerned. Client nominated personnel will then be trained to carry out appropriate maintenance. Maintenance routines will typically include regular visual inspection to anticipate potential problems and monitoring of LEV plant performance using such indicators as static pressures, air velocities, and electrical power consumption. Additionally, those components critical to the effective operation of the plant will be identified and a programme for replacement and spares holding will be developed.

### (iii) Examination and Testing

HVAC & Refrigeration Engineering will carry out a thorough examination and test of the LEV system to establish whether it is performing correctly and effectively. COSHH Regulations require examination & testing at least once every 14 months. This is separate from any maintenance routine and takes the form of an audit.



### (iv) LEV Plant: Engineering Design, Installation & Commissioning

Where plant is failing to meet COSHH requirements, we will present costed solutions to effect compliance. Upon agreement of the client with the option(s) proposed we would design, modify and commission the required alterations to the LEV system.

## About us...

HVAC & Refrigeration Engineering Ltd provide a comprehensive range of services to meet our clients' specific heating, ventilation, air conditioning & refrigeration requirements. As an independent company, we offer impartial advice on all aspects of your HVAC & Refrigeration system requirements & recommend equipment from a wide range of manufacturers.



Our team of specialist staff have many years experience within the industry; they will deliver complete project management from conception to completion.

SPARES UNLIMITED - the supplies division of HVAC & Refrigeration Engineering Ltd. We can supply equipment & spares for all your HVAC & refrigeration requirements, including::

*Air handling units, Chilled water A/C systems, Cold rooms; Compressors, Ductwork, Evaporators, Galley refrigeration equipment, Fume cupboards, Oils, Pumps, Refrigerants, & Specialist electrical equipment.*

## Our engineering services include...

- HVAC system surveys & design reviews
- HVAC & refrigeration engineering design & installation
- Drilling area Local Exhaust Ventilation (LEV) system surveys & upgrades
- Equipment repair & campaign maintenance
- Complete package installation
- System commissioning & air balancing
- Noise control engineering
- CFC/HCFC refrigerant reclaim and replacement

We have provided our services in the following locations...

North Sea	Kazakhstan
Norway	Azerbaijan
Holland	Equatorial
Germany	Guinea
Gulf of Mexico	India
Egypt	Korea
Nigeria	Venezuela

To contact our project team -

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**24 hour call-out service**



**COSHH REGULATIONS  
&  
LEV PLANT  
DESIGN  
SUPPLY  
INSTALLATION  
COMMISSIONING  
MAINTENANCE  
EXAMINATION  
TESTING**

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