



EXEON[®]
CLEAN AIR FOR INDUSTRY

air quality management systems by exeon®

EXEON® was formed from over 100 years combined experience in the industry and brings a wealth of air treatment and air movement knowledge into your workplace.

Today's business owners recognise more than ever before the importance of clean air, both for avoiding environmental claims and workplace H&S issues, but also for improving hygiene and working conditions, reducing cleaning, improving product quality and increasing plant life.

EXEON® supplies industry with clean air for their workforce, production processes and external environment through the design and installation of industrial ventilation equipment for dust and fume extraction, emission and odour control and supply air.

Our experienced engineers can offer fully designed, turnkey solutions from initial concept and budget costs through to fully installed and maintained state of the art air quality systems. We are also able to carry out LEV (Local Exhaust Ventilation) Testing on existing systems and offer solutions for failed or underperforming systems.





Dry dust control systems

For the majority of nuisance dust applications, dry filtration plant will work well with the minimum of maintenance costs.

We can design and install systems incorporating a variety of unit types including:

- Shake-clean multipocket bag types
- Pulse clean bag or cartridge filters
- Cyclonic filterless systems



Fume extraction

Fume extraction can range from simple welding extract arms through to highly specialised chemical-resistant containment systems.

We can install systems from stainless steel, PVC, polypropylene or painted steel for aggressive conditions.



Wet extraction systems

Wet systems are used where dust types require specialist treatment, such as explosive or sticky materials, highly volatile metals, or damp/steam-laden exhausts.

Our wet units can be provided with automatic sludge collection with conveyors ejecting the sludge into mobile bins for easy disposal. We can also install scrubber systems for gas-phase contaminants.



Supply air systems

We can provide a complete package for supply air including fans, filters and AHUs with complete heating, cooling and control systems, and heat reclaim.

Very often, large LEV systems result in negative pressures due to lack of makeup air from positive supply systems. We can advise following a detailed assessment of your requirements.



Mobile solutions

We can manufacture specialist bespoke mobile solutions such as this large skid-mounted welding extract unit, built for military use, which can easily be moved by overhead crane or fork-lift.

We can also supply ATEX mobile units for straightforward lower-cost extraction installations where budget restraints, rapid and flexible deployment is needed.



Central & mobile vacuum extraction systems

The ultimate in cleaning systems.

A central vacuum system will effortlessly clean those large factory areas without the need for heavy equipment and waste transporting and localised power.



Odour and gas emission control

Legislation to protect our environment is increasingly requiring gas-phase emission control systems to reduce harmful emissions or nuisance odours.

We can design and install a wide range of types including Activated Carbon cartridge and Deep Bed Adsorbers, and wet scrubber systems.



Booths

The downdraft or total extraction booth is an ideal solution for those hard to contain operations.

Working in a curtain of clean air with adjacent extraction makes for excellent control of emissions over a wide area, such as weighing and measuring, decanting, and manufacturing processes such as sanding, grinding, and painting. Booths can incorporate HEPA filtration for total capture of microscopic particulate before returning the air to the working area.



Fume cupboards / laboratory 'lev' systems

We can offer a wide range of extraction or recirculating fume cupboards.

All cupboards are fitted with digital airflow readouts and alarm controls to provide the user with constant system condition indication. The cupboards can be fitted with options including water and gas taps, sinks and drains, power outlets.



Products

Exeon also provide a wide range of products for dust & fume control. These products include:

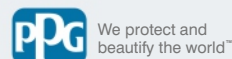
- Our Rover™ Mobile Dust Extractors, a ready-to-use dust and fume control solution
 - Nellie™ Extraction arms for Fume & Dust point-of-Use Extraction
 - Tiger™ Extraction fans for many bespoke requirements – please contact our office for further information
 - Rhino™ Dust Extractors for medium dust loading requirements, small-medium airflow
 - Ox™ Larger Dust Extractors for large dust loading requirements, continuous running and larger airflows
 - Scorpion™ Dust Extraction Multi-use Benches
- Please contact our office for free design advice on any of the above, and quotations.



clean air solutions for every industry

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