



Bespoke dust extraction solutions for the pharmaceutical industry

At APS we work with pharmaceutical manufacturers to deliver precision engineered dust extraction systems. These systems ensure employees are kept safe from breathing in harmful dust, while preventing the cross contamination of products.

Active Pharmaceutical Ingredients (APIs) and other substances used in pharmaceutical processing can produce hazardous dust and high concentrations of solvents during handling and manufacturing. This can occur in processes such as tablet pressing, coating, fluid bed drying, spray drying, blending, and granulation.

To address this, our custom LEV systems, built using Front-End Engineering Design (FEED) principles, are designed to contain and extract fine pharmaceutical dust at source, supporting compliance with COSHH.

By applying FEED, we support effective integration with your manufacturing processes, reducing risk and improving efficiency in the regulated environment you operate in.

Additionally, we offer a predictive maintenance service, so you can see how your system is performing in real-time, maximising your productivity by minimising the downtime caused by unexpected breakdowns.

With our expertise, you can maintain clean air standards, protect your workforce and ensure consistent product quality.



FAQs

Why is dust extraction important in pharmaceutical environments?

Without proper dust extraction, fine powders can create combustion hazards and cause respiratory problems, resulting in risks for machine operators, while violating health and safety regulations.

What is Front-End Engineering Design (FEED)?

It's a crucial engineering design phase bridging between the conceptualisation and execution of a dust extraction project, giving you accurate upfront costs and smoother project timelines.

How does Front-End Engineering Design work?

You'll tell us your expectations, we'll assess your site and processes, and our P602 certificated designers will create a sizable document detailing everything your dust extraction partner – or ourselves – should be considering when implementing your new system.

Want a smarter dust extraction system?
Get in touch.

If you need a dust extraction system that's safe, compliant, and built to last, speak to our team about FEED today.

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