

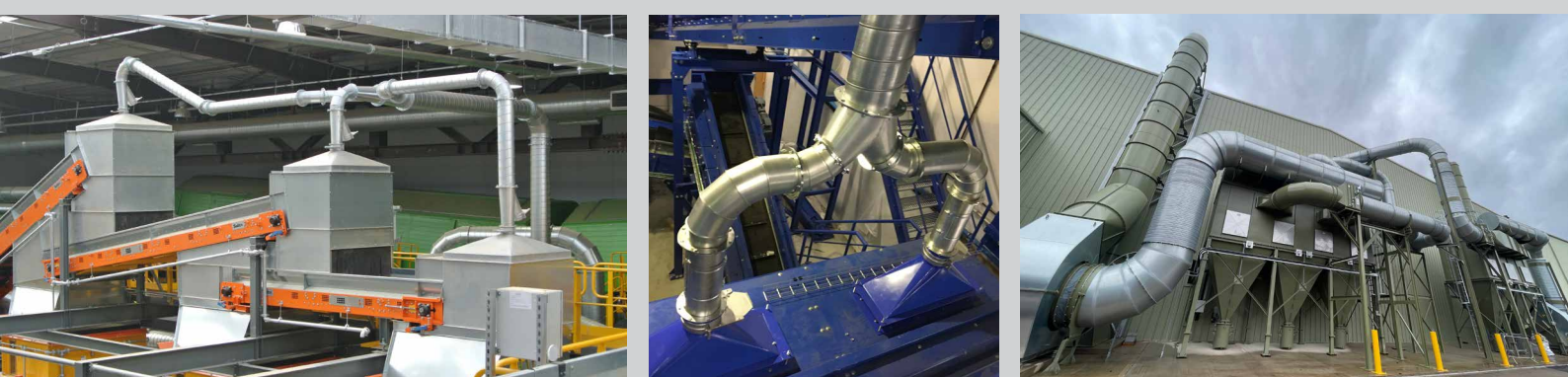
Dust Control Solutions



Waste management and recycling facilities

Processing domestic waste material in a waste processing facility can generate nuisance dust which can create an unpleasant working environment for employees, housekeeping issues and significant fire risks as airborne dust particles come to rest on plant equipment.

Impact has vast experience of dust control solutions, enabling us to offer simple yet highly effective methods for capturing dust at source, at conveyor, discharge or transfer points. These dust control solutions can be integrated into your facility using stand alone fully automatic filter systems or incorporated into other centralised pneumatic conveying systems.



Working to standards and directives

Our engineers are BOHS P601, P602, P603 and P604 qualified and work strictly to HSG258 and COSHH regulations. Our systems are designed to adhere to the ATEX 2014-34-EU European Directive and US standard NFPA 654, where applicable.

We have supplied and installed centralised dust control systems in a wide range of material recovery plants such as energy from waste (EfW), material recycling facilities (MRF), SRF/RDF processors, glass processors, plastic recovery facilities (PRF), gypsum recovery, construction & demolition (C&D) and many more.

Dust Control Solutions

Our Solutions

- ▶ Centralised dust control systems
- ▶ Local exhaust ventilation (LEV) systems - used to control or capture airborne hazardous substances and convey them to a point where it is discharged into the atmosphere or safely removed from the system
- ▶ Industrial ventilation - removing moist, warm air and replacing it with a supply of fresh air to substantially reduce temperature, moisture levels and unwanted odours from the facility
- ▶ Custom designed hoods effectively control emissions at source, whilst minimising the air volume required to do so, leading to reduced on going running costs
- ▶ Return air ductwork - allowing you to reclaim energy in the cooler months, whilst aiding ventilation in the warmer months to help reduce running costs of your facility
- ▶ Dampers to allow variation in extraction distribution and capture efficiency
- ▶ ATEX rated components for use in potentially explosive atmospheres
- ▶ Briquetting systems - designed to substantially reduce the volume of nuisance dust collected via dust filtration



Dust Dangers

- ▶ Fire/explosion - combustible dusts present an explosion hazard when suspended in certain conditions which can result in catastrophic damage
- ▶ Occupational health issues - including an unpleasant working environment for staff, bio-aerosols can cause respiratory allergies, infection and long term health problems such as asthma and chronic obstructive pulmonary disease
- ▶ Maintenance issues - an excessive build up of dust can get into moving parts and create problems with the efficiency of operational equipment

Proudly working with...



For more information and to see our systems in action, click here:

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