

Case Study

The customer produces a number of foam insulation products for the building industry and so the foam dust created can cause irritation to the eyes, skin and respiratory system of operatives. Accordingly the hazardous dust must be controlled to ensure compliance with legislation.

Previous extraction systems fitted by other companies had not been effective in controlling the dust produced on site. In particular the dust was contaminating the workplace which resulted in complaints from employees.



Our solution was to redesign the factory ducting layout to ensure efficient extraction to all areas. In particular the range in ducting sizes varied from 840mm diameter at the extraction unit to 80mm diameter at source.

In addition two Aircube 2000 units were installed on site to complement at source extraction and to ensure general factory air quality was maintained to a high level.

To ensure production was not halted the customer specifically requested all work to be carried out during weekends during shutdown periods which we were happy to comply with.

The extraction system now complies with the design brief and provides effective extraction on site to protect employees health.