

## Case Study

---

Our Company was contacted by a client who required an extraction system retrofitting to an existing CNC machine.

Metal working fluids have the potential to expose operators to a risk of developing occupational asthma.

Our Company was able to quickly install the extractor and also electrically connect it to the machine due to our in house NVQ qualified electrician to make the process easy for our client.

The extractors can be fitted directly on top of the machine where permitted or can be mounted on stanchions to support the weight of the extractor.



Mist and smoke are extracted through the hose and are taken through multiple filter stages. The conical main filter coalesces large particles on impact; then uses the wind shear principle to separate finer mist with further separation in the internal mesh layers.

A pre filter captures larger particles and protects the main filter. A Hepa filter captures finer particulates to ensure air returned to the workplace is clean.