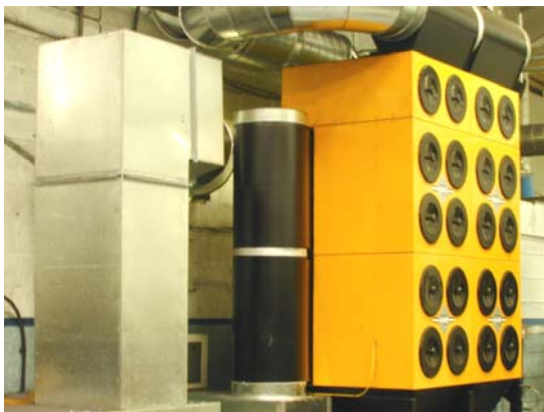


# Particle Extraction



Morganite Industries in Southampton manufacture high specification parts from Graphite for the Aerospace industry. Their core material is Graphite which when machined to create the finished article produces fine dust waste. Whilst this dust is not a danger to Health, it causes a large waste problem. We worked closely with Morganite to come up with a solution.

The answer was to provide “point of Extract Ventilation” right at the source of the problem, and then to transport the captured dust back to a filtration plant, The duct particles are then removed from the air to create recyclable air. This recycled warm air was then re-introduced back into the premises via an Air Sock.



Particle extraction system with central point of collection and filtration.

High velocity LEV was necessary at the point of extract.



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**Client:-**  
Morganite  
**Location:-**  
Southampton

*Forging Relationships in Shaping Metal*