

Case Study

The customer carries out MIG, TIG, fettling and general metal fabrication operations. After a visit from their local HSE inspector it was deemed that their existing equipment was not suitable for use under current regulations.

Our solution was to redesign the factory ducting layout to ensure efficient extraction to all seven working areas. The extraction arms provided range in length from two metres to seven metres utilizing a jib extension to suit the operators 360° working area.



The extraction arms are suitable for extraction of fumes at temperatures of up to 280°C due to the use of 304 AISI stainless steel and flexible couplings in dual-layer double silicone fabric. The capture hood is made of sheet metal and coated black to prevent irritating light reflections.

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