



Fume Control Technology



MECHON

Enhanced Environments



Client:

ACO Technologies

Technology:

Welding Fume Control System

The results of CoSHH LEV and personal air sampling tests found that the existing welding fume control systems were ineffective in protecting employees from inhaling harmful substances during the welding process.

MECHON were commissioned to replace all system to ensure compliance with the CoSHH Regulations.

Four articulated arms were installed in the facility, on processes requiring extensive coverage with limited fume generated, primarily TIG welding.

An additional booth was installed to extract fumes generated during the MIG processes.

The final air sampling results found that the exposure to hazardous substances was decreased to only ten percent of the WEL, set under CoSHH EH/40.

Shaping Your Environment