



## WELDING FUME CASE STUDY LM2 SOLUTION

The Wilson Technological Center, a division of Western Suffolk BOCES, in their ongoing commitment to providing a atmosphere for students to work safely, recently installed a welding fume extraction system.

Clean Air Company installed (12) PlymoVent LM-2 extraction arms allowing students to prevent exposure to welding fumes. Students simply position the arm where fume extraction is required. The LM-2 is capable of telescoping out from three to seven feet, has a 180 degree lateral movement and a 180 degree swivel hood providing maximum positioning flexibility.



This design met the technical requirements for an extraction arm to fit in a tight space and provided maximum flexibility.

Clean Air Company was able to provide a turn-key project from design to a finished installation as well as training on the proper use of the system. The welding fumes are captured by the LM-2 and conveyed through a central duct system to the outside.

Wilson Technical Center, a well respected vocational school in New York, not only provides the students with welding skills, but educates them as well on the hazards of breathing welding fumes. Welding aluminum and stainless steel can generate chromium compounds which can be hazardous if inhaled for extended periods of time.

For more information on the hazards of welding fumes or design/product information, contact Clean Air Company.



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