

WELDING AND FUMES EXTRACTION (RECOMMENDED CONTROL OPTIONS)

REFERENCE MATERIAL Codes of practice, MSDS. Standards publications	PREVENTION OF ATMOSPHERIC CONTAMINATION	GENERAL VENTILATION (window, doors, least preferred option)	MECHANICAL VENTILATION	LOCAL EXHAUST SYSTEM	EXTRACTION	CONTROL AT SOURCE
Health and Safety in Employment Act 1992 Section 6	Y	Y	Y	Y	Y	Y
Health and Safety in Employment Regulations 1992 Section 4F,I&J	Y			Y		
BOC MSDS refer to health effects page 3 of 6	Y		Y			
DoL (OSH) health tools				Y	Y	
DOL (OSH) health and safety in welding, (fumes and gas control)			Y	Y		Y
Ventilation in the workplace		Y General	Y	Y		
DOL ventilation systems	Y		Y	Y		Y
ACC Metal industry guide	Y		Y	Y	Y	Y
Weldguru.com (USA)			Y	Y		Y
Wikipedia			Y	Y	Y	
Toxic welding rod fumes						
Welding fumes health hazards		Y	Y	Y	Y	
Welding Department of Commerce		Y		Y	Y	
Ventilation for welding and cutting		Y Low Priority	Y	Y	Y	Y
Welding and Ventilation. Canadian Centre for Occupational Health			Y	Y	Y	Y
Local extraction TWI.CO.UK			Y	Y	Y	Y

The information taken from the ACOPS and body of knowledge on the left hand side and illustrated in the Red columns show the recommended control measures for this common industrial problem.

The new HASW legislation sends the same message and although worded differently, the purpose is the same. Be responsible for the health of the employees or face the consequences.

Health and safety is no longer an option, it is not negotiable - it now has new meaning and many teeth.