

THE 5 TOP SOLUTIONS FOR KEEPING YOUR BREATHING ZONE FUME FREE

Fabrication businesses across the UK have been encouraged to review their exposure this year after the HSE reclassified all welding fume as carcinogenic. Now, all those undertaking welding activities, including mild steel welding, are required to have effective engineering controls and use them correctly to control fume arising from those activities. Extractability is dedicated to protecting welders from the danger of fumes produced during their work. Here are our top 5 solutions for keeping safe from fume exposure:



1 ProtectoXtract

Extractability's no.1 bestselling mobile unit, ProtectoXtract is a BGIA approved mobile high-vacuum extraction system for filtration of particulate fumes, dusts and some gases. The ProtectoXtract uses a 5-stage filtration system, with replaceable filters and is quiet in operation and is supplied with a 3m suction arm. ProtectoXtract is compliant with DIN EN ISO 15012-1 and therefore suitable for category W3 stainless welding fumes 30 NiCr.

2 ProtectoVac MAX

Your favourite high-quality and low cost, portable fume control solution. This



unit can be modified or purpose-built for specific applications. The 'dust stop' semi-automatic cleaning system allows the operator to clean with ease by simply lifting the flap on the chamber.

3 SifGun extraction torch

An innovative MIG welding product that combines a high quality torch with integrated fume extraction. Because the extraction is so close to the weld pool, the fumes are immediately extracted, keeping the user's breathing zone up to 95% cleaner. Unlike other models of on-torch extraction, the SifGun fume-extraction torch features a bespoke, optimised nozzle, which



balances pressures to prevent disruption of the shielding gases. You can therefore use the same shielding gas flow rates as with a standard MIG torch.

4 Phantom Air PAPR and ADF welding helmet

A lightweight, comfortable, Powered Air-Purification Respirator (PAPR) unit



that provides a 2-speed clean air and an 8-hour battery life from a full charge. Fully CE rated to EN 12941 TH2, it includes a multi functional helmet providing full-face protection, with shade 9-13 auto-darkening lens. The lens has a fast reaction time of just 0.3ms!

5 ProtectoScan EDI

You may have suitable fume, dust or particle extraction installed in your factory, but are you confident it's performing up to HSE standards – or that it's even being used by your workers? The ProtectoScan EDI can help by measuring and recording real-time data and is capable of switching on your equipment once a pre-set level has been detected. EDI has an LED traffic light display, alerting users to any notable issues as well as providing an instant visual representation of what is going on in the workshop and constantly recording exposure levels.



sif tips



Technical advice in the original SifTips style was started in 1932. 'Sifbronzing' is an almost universally recognised way of describing the low temperature bronze welding of sheet steel, cast iron and other metals. This explains why Sifbronze, the company which first developed and promoted the technique, is generally considered to be a supplier of high quality welding rods, wires, fluxes and equipment.

'Will the Welder' was a SifTips magazine that was produced in the early 1930s. The aim was to provide users with ideas and tips on how to get the most out of their welding equipment.

Sif is renowned for its UK manufacturing heritage as well as its complete range of quality welding consumables used globally for almost a century.

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