

Press Release

For immediate release

Keep a Distant 'Eye' on your Purge

When welding lengths of tube and pipework fabrications, as well as sections of pipelines of 20 metres length and more, one problem operators face is not receiving a fast and true weld purge reading from the purge zone.

Now, for the first time, Huntingdon Fusion Techniques HFT® makes it possible to have an immediate reading of the weld purge gas at the underside of the joint, from any distance up to 1,000 metres away with their PurgEye® 1000 Weld Purge Monitor®.

Luke Keane, Distributor Support for HFT® said: "By using a zirconia sensor in a remote module placed at the purge gas exhaust, really close to the weld, it is possible to instantaneously receive actual oxygen readings down to 10 ppm (0.001%) up to 1,000 metres away."

This technology is the latest in the Family Range of Weld Purge Monitors® brought to the marketplace by Huntingdon Fusion Techniques HFT®.

If exhaust gas from a normal weld purge system is piped down a hose to a distant measuring instrument, it may take many minutes, or even hours in some cases, for a stable reading to reach the sensor. The exhaust gas may even be contaminated on the way by outgassing from the walls of the hose material or from air drawn in through a leaky connection.

The PurgEye® 1000 Weld Purge Monitor® has been designed and developed specifically to overcome such difficulties and has a sensor placed immediately next to the weld purge site.

The sensor is secured in a tiny module, which is mounted inside the purging system and is connected to the measuring instrument by a data cable. The purge reading is sent back to the instrument at the speed of light, so operators and quality control personnel know immediately when the purge is satisfactory.

This way, the operator can be certain that the weld purge reading is correct and that the joint will not be adversely affected by oxidation, allowing welders to achieve that sought after zero colour weld.

Huntingdon Fusion Techniques HFT® have a Worldwide Exclusive Distributor network, which can be found at www.huntingdonfusion.com.

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Notes to Editors:

Huntingdon Fusion Techniques HFT® are Weld Purging Innovators, Designers and Manufacturers with offices located globally.

Huntingdon Fusion Techniques HFT® invented the 'Weld Purge Monitor®' in 1975 and own all international intellectual property rights and registered trademarks.

Weld purging is the act of removing, from the vicinity of the joint, oxygen, water vapour and any other gases or vapours that might be harmful to a welding joint. Such gases may combine with the metal to form undesirable compounds that may reduce corrosion resistance or may be instrumental in creating cracks or other structural defects in metals.