Press release

For immediate release

Purge your Tube and Pipes the Elite Way

When welding stainless, duplex, chrome steel and titanium tubes or pipes, it is important to purge the welding zone with an inert gas to prevent oxidisation, discolouration and to ensure a good internal weld profile.

After 40 years of innovation, design and manufacturing expertise in the field of tube and pipe weld purging, Huntingdon Fusion Techniques HFT® has introduced PurgElite®, a range of low cost Tube and Pipe Purging Systems to achieve a clean, oxide free, zero colour weld.

Luke Keane, Distributor Support for HFT® said: "To save welders the expense of completely filling tubes and pipes with an inert gas, PurgElite® Systems are available, manufactured to suit pipe diameters from 1" to 24" (25 to 600 mm). They are made of low outgassing rate materials, which gives them the ability to produce high quality welds."

Dr Michael Fletcher, of Delta Consultants adds: "There are many fabricators still using home made devices fashioned from foam, wood, metal and rubber. They are wasting vast amounts of money on expensive argon gas and labour by allowing their welders to continue in their old ways."

PurgElite® is manufactured with a special spinal tube that is resistant to hot metal up to 300°C (572°F) and is super flexible to allow movement around 90° bends. IntaCal®, a purge gas feed device means there is with no complicated valve to set.

To ensure the system can be positioned accurately inside the tube or pipe, a centrepiece glow positioning indicator RootGlo® comes as standard on all sizes of PurgElite®.

HFT®'s innovative PurgeGate® valve is available as an accessory, a unique one way valve suitable for all types of Inflatable Pipe Weld Purging Systems. PurgeGate® regulates the gas flow and pressure during purging to prevent the dams from over inflating.

Quick connect/disconnect fittings with collets and 'O' ring seals for gas tight sealing, fitted with anti-release circlip to prevent parts accidentally separating inside pipes.

Heat Resistant Covers are available as accessories to protect the inflatable dams, which are held on with ties and have a temperature rating of up to 300°C.

By using PurgElite® Tube and Pipe Purging Systems companies can save significant money in both time and inert gas costs. Contact HFT® for a live demonstration and a return on investment chart to show you how quickly it pays to use up to date technology from the very first 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.