



Harsco Metals Forms Strategic Alliance with Tetronics

The alliance will see Harsco Metals expanding its technical portfolio by offering the Tetronics DC plasma arc technology through an extended service offering.

For Immediate Release
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9:00 Hrs

London, December 16th, 2011 – Tetronics Ltd., a global leader in the supply of Direct Current (DC) plasma waste recovery plants for the treatment of hazardous waste and metal recovery, today announced that it has signed a Strategic Alliance Agreement with Harsco Metals Group Ltd, an established and well respected globally operating services company. Through this alliance Harsco will seek to extend their technical offering with the addition of Tetronics' DC plasma arc technology to the many potential areas of hazardous waste treatment and metal recovery as well as into new applications and territories.

Harsco has a wide global presence in over 50 countries and an interest to invest in commercially viable plasma arc facilities involving the build, ownership and operation of such facilities for the benefit of Harsco's existing and new customers.

Harsco and Tetronics have a long history of successful collaboration with Harsco having 20 years of experience in operating and maintaining Tetronics' technology at their Plasminox project at Terni in Italy. The project has seen Tetronics DC plasma arc solutions recovering valuable metals from the Electric Arc Furnace dust that is generated from an adjacent stainless steel manufacturing process to then be re-used back into the steel production process. Both companies recognise the combined strength of Tetronics, as an established technology provider and Harsco as a global operator.

The process chemistry in Tetronics' plasma technology is designed to symbiotically and preferentially separate and recover the valuable material in a range of wastes whilst destroying any hazardous components. The remaining non-valuable material is vitrified into an inert, safe disposable, non-hazardous material, called Plasmarok®, in a single processing step. The robust level of construction and minimal number of moving components within the plasma systems delivers outstanding plant longevity. The recovery process also has exceptional environmental and commercial credentials and can be considered as a future-proof solution for waste management problems.

Speaking about the alliance, Jeremy Makepeace, Vice President Global Solutions (Non ferrous) at Harsco Corporation explains;



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“The reality is that how we manage waste today will change dramatically in the next 5-10 years, with traditional waste management solutions being increasingly challenged on regulatory compliance, corporate & social responsibility and economic cost grounds.

The Tetronics technology will enable our customers to recover valuable resources from waste that they can reuse in their manufacturing processes in a sustainable “closed loop model” thereby ensuring security of supply of key resources, or that they can sell to achieve additional revenue streams.

We have first-hand experience and trust in Tetronics and the effectiveness of their DC plasma arc technology.”

Stephen Davies, CEO for Tetronics comments;

“We are delighted to have formed this alliance with Harsco.

Harsco is already a major player in the services sector with a presence on all continents across the globe. The new alliance will see the benefits of our plasma technology being promoted not only in our traditional areas of operation, but also into new sectors and territories.”

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For more information about Tetronics please contact Kate Colclough on +44 (0)1793 238 500 or visit:
www.tetronics.com

Notes for Editors

About Harsco Metals:

Harsco develops innovative solutions to help customers minimize the environmental impact of metals production. With operations at more than 160 locations in over 30 countries, Harsco follows the footprint of the metals industry across the globe.

For more information about Harsco Metals, please visit the website at: www.harscometals.com

About Tetronics

- Tetronics is a global leader in the supply of Waste Recovery Plants. Tetronics’ patented Direct Current (DC) Plasma Arc plant technology provides the closest solution to Zero Waste currently available.



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- This sustainable “green” alternative for waste management uses ultra-high temperatures to melt, gasify or vaporise any waste material, in order to treat, recover or generate valuable commercial products.
- Tetronics’ technology has been tried and tested over five decades and has been installed globally in more than 80 plants across a wide and varied range of applications.
- The team have the capability to manage the complete deployment lifecycle of a Waste Recovery Plant from initial testing of the waste material at Tetronics’ test facility, the most comprehensive in Europe, through to the physical onsite installation of a full commercial plant and support.



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