

Press Release

General Magnaplate Corporation brings AptiMag-X™ to the North American market

9th May, 2018: General Magnaplate Corporation is proud to announce that an exclusive license agreement has been signed with the UK's Poeton Industries Ltd for the Apticote A20X™ surface enhancement process, used for treating the innovative A20X™ aluminium alloy.

A20X™ has a unique solidification mechanism and highly refined microstructure giving it exceptional strength, fatigue and thermal performance characteristics in both cast and additively manufactured form. Developed and patented by Aeromet International Ltd, a leading UK-based aerospace casting supplier, A20X™ is now licensed to foundries around the world, including across North America, and is also available in powder form for additive manufacturing.

The agreement means that General Magnaplate will become the exclusive supplier of Apticote A20X™, which they will brand AptiMag-X™ in North America. Licensed A20X™ foundries, additive manufacturing companies and aerospace customers will be able to have parts treated with AptiMag-X™ at the company's facilities in Linden, New Jersey and Arlington, Texas.

A20X™ is MMPDS certified (as AA205) and is the strongest cast aluminium alloy available today, with strength properties comparable to 7000 series wrought material. A20X™ cast and additively manufactured parts are in production today for major aerospace customers. The AptiMag-X™ treatment enhances the surface of A20X™ parts improving wear resistance, hardening and finish.

Adam Smith, Group Commercial Manager for Aeromet and A20X™ commented: "Aeromet are pleased to welcome General Magnaplate to the global A20X™ supply chain. By bringing AptiMag-X™ to North America, General Magnaplate will be well placed to support the growing number of aerospace and defence customers taking advantage of A20X™ advanced aluminium castings and additively manufactured parts".

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For more information, please contact:

[Aeromet International Ltd](#)

Adam Lucas, Aeromet International Ltd: adam.lucas@aeromet.co.uk / +44 (0) 7971 992127

[General Magnaplate Corporation](#)

Ed Aversenti, General Magnaplate Corporation: eaversenti@magnaplate.com / 980-862-6200

[Poeton Industries Ltd](#)

James Cooke, Poeton Industries Ltd: jamescooke@poeton.co.uk / +44 (0) 1452 300500

Notes to editors

About Aeromet International Ltd

Founded in 1982, Aeromet International is a leading supplier of investment and sand cast products in aluminium and magnesium to the global Aerospace and Defence industries. It provides major OEMs including Airbus, Boeing, BAE Systems, Embraer and Rolls-Royce with engine, fuel system and structural airframe components.

Aeromet is a technology-led business which specialises in the development of unique and innovative solutions for complex parts. The company has developed and patented A20X™, the world's strongest commercially available aluminium casting alloy.

Aeromet employs 260 people at three sites in Sittingbourne, Rochester and its head office in Worcester. The 2018 acquisition of Stone Foundries adds operations in Charlton.

For more information, please visit: www.aeromet.co.uk

For more information about A20X™, please visit: www.a20x.com

About General Magnaplate Corporation

General Magnaplate Corporation is a world leader in surface enhancement coatings for metals and other materials. Magnaplate's coatings transform metal parts into corrosion-resistant, chemical-resistant, super-hard, dry-lubricated products that last longer, are more cost-efficient, and more reliable.

General Magnaplate operates from two facilities in Linden, New Jersey and Arlington, Texas.

For more information, please visit: www.magnaplate.com

About Poeton Industries Ltd

Founded in 1898, Poeton Industries Ltd. are the UK's foremost experts in surface engineering, providing a complete range of surface treatments and coatings to customers worldwide.

The industries we operate in, such as Aerospace & Defence, Oil & Gas, Automotive and Medical, have made rapid developments over the past century, pushing the boundaries of what conventional materials and surface treatments can achieve. Poeton have been at the forefront of the surface treatment sector during this time, developing advanced technologies that ensure our partners' latest boundary-pushing projects are not grounded by material surface issues.

For more information, please visit: www.poeton.co.uk