



PyroGenesis Recommended by Leading 3D Printer OEM to their Customers as Titanium Powder Supplier

MONTREAL, Quebec (GlobeNewswire – August 20, 2018) - PyroGenesis Canada Inc. (<http://pyrogenesis.com>) (TSX-V: PYR), a TSX Venture 50® high-tech company, (the "Company", the "Corporation" or "PyroGenesis") a Company that designs, develops and manufactures plasma waste-to-energy systems and plasma torch systems, is pleased to announce today that, further to a press release dated August 14, 2018 wherein it was noted that commercial discussions were taking place with a 3D Printer OEM, PyroGenesis announces today that it is now being recommended by the leading 3D Printer OEM to their customers as a powder supplier for titanium powders.

As previously mentioned, PyroGenesis' powders had either met or exceeded rigorous property requirements under intensive chemical and mechanical analysis conducted by a leading 3D printer OEM. The powder tested was Ti-6Al-4V grade 23; one of the most sought-after powders in metal 3D Printing, particularly from plasma atomization. The analysis consisted of, amongst other things, validating chemical composition, printing properties, density, hardness and tensile strength. As noted, upon successful testing, discussions had turned to becoming a supplier of powders to both (i) the OEM, as well as (ii) their end-users.

“Being approved as a powder supplier to the OEM’s end-users is another major achievement and step forward for PyroGenesis,” said Mr. Massimo Dattilo, Vice President Sales of PyroGenesis. “It requires that PyroGenesis produce powders effectively and efficiently, has stringent quality control measures in place, has batch to batch consistency, as well as being competitively priced.”

Discussions continue with respect to becoming the primary supplier of powders to this leading 3D Printer OEM.

“This announcement is yet another step towards PyroGenesis’ goal of becoming a leading powder supplier to the Additive Manufacturing industry (AM),” said Mr. P Peter Pascali, CEO and President of PyroGenesis. “Given the recent announcements over the past three months, it is clear that PyroGenesis must be even more focused than ever before on addressing market demand for its powders.”

About PyroGenesis Canada Inc.

PyroGenesis Canada Inc., a TSX Venture 50® high-tech company, is the world leader in the design, development, manufacture and commercialization of advanced plasma processes. PyroGenesis provides technical and manufacturing expertise, cutting-edge contract research, as well as turnkey

process equipment packages to the defense, metallurgical, mining, additive manufacturing (3D printing), oil & gas, and environmental industries. With a team of experienced engineers, scientists and technicians working out of our Montreal office and 3,800 m² manufacturing facility, PyroGenesis maintains its competitive advantage by remaining at the forefront of technology development and commercialization. Its core competencies allow PyroGenesis to lead the way in providing innovative plasma torches, plasma waste processes, high-temperature metallurgical processes, and technical services to the global marketplace. Its operations are ISO 9001 certified, and have been ISO certified since 1997. PyroGenesis is a publicly-traded Canadian corporation on the TSX Venture Exchange (Ticker Symbol: PYR) and on the OTCQB Marketplace (Ticker Symbol: PYRNF). For more information, please visit www.pyrogenesis.com.

This press release contains certain forward-looking statements, including, without limitation, statements containing the words "may", "plan", "will", "estimate", "continue", "anticipate", "intend", "expect", "in the process" and other similar expressions which constitute "forward-looking information" within the meaning of applicable securities laws. Forward-looking statements reflect the Corporation's current expectation and assumptions, and are subject to a number of risks and uncertainties that could cause actual results to differ materially from those anticipated. These forward-looking statements involve risks and uncertainties including, but not limited to, our expectations regarding the acceptance of our products by the market, our strategy to develop new products and enhance the capabilities of existing products, our strategy with respect to research and development, the impact of competitive products and pricing, new product development, and uncertainties related to the regulatory approval process. Such statements reflect the current views of the Corporation with respect to future events and are subject to certain risks and uncertainties and other risks detailed from time-to-time in the Corporation's ongoing filings with the securities regulatory authorities, which filings can be found at www.sedar.com, or at www.otcmarkets.com. Actual results, events, and performance may differ materially. Readers are cautioned not to place undue reliance on these forward-looking statements. The Corporation undertakes no obligation to publicly update or revise any forward-looking statements either as a result of new information, future events or otherwise, except as required by applicable securities laws.

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