PyroGenesis Announces Second Titanium Powder Order Under Powder Supply Agreement with U.S. Minerals and Metal Technology Company

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One tonne of titanium powder to be delivered to client in coming days

Image:

PyroGenesis' titanium metal powder as produced by its NexGen™ plasma atomization system.

MONTREAL, Jan. 22, 2026 (GLOBE NEWSWIRE) -- PyroGenesis Inc. ("PyroGenesis") (TSX: PYR) (OTCQX: PYRGF) (FRA: 8PY1), the leader in ultra-high temperature processes & engineering innovation, and a plasma-based technology provider to heavy industry & defense, announces today an additional contract for one tonne of titanium powder under the recently signed powder supply agreement with a U.S. minerals and metal technology company. This powder was produced by PyroGenesis' NexGen™ plasma atomization process. This order is the second received since the signing of the agreement in Q4 2025 and will be delivered to the client over the next few days.

PROJECT HIGHLIGHTS

Purpose: provide a reliable, high-quality feedstock for the development of titanium alloys, a critical mineral needed by key industries, including space, aerospace, medical, defense, consumer electronics, hydrogen, and electric vehicles.
Scope: a one tonne order, the second order under recently signed supply agreement, to deliver high quality titanium metal powder produced by PyroGenesis' NexGen™ plasma atomization process, with recurring orders as needed.
Timeline: the metal powder will be delivered to the client over the next few days.
Strategic Impact: supports the protection of the critical mineral supply chain for titanium while utilizing a novel, closed-loop, sustainable manufacturing process.

As announced previously (press release dated December 15, 2025), PyroGenesis signed a powder supply agreement with a U.S. minerals and metal technology company, to supply the client on a recurring as-needed basis. The client uses their patented technologies to produce high performance alloys from titanium and other critical minerals that are essential for advanced U.S. industries, including space, aerospace, defense, consumer electronics, hydrogen, electric vehicles and additive manufacturing. The first order under this agreement was for 3.5 tonnes of PyroGenesis' "off-cut" titanium (Ti64) powder. The order announced today is for an additional one tonne of the same powder cut.

Off-cuts are powders produced during PyroGenesis' plasma atomization process in particle sizes not currently being used by the existing range of commercial metal 3D-printers used in industrial additive manufacturing. This non-prime titanium material has latent value, as it maintains consistent chemistry and characteristics appropriate for industrial reprocessing. As a result, PyroGenesis has been stockpiling these powders for eventual sale, with the assumption that the continuous evolution of the additive manufacturing industry as well as the inherent higher quality of PyroGenesis' NexGen™ plasma atomized metal powder, would eventually combine to deliver a market demand for this material. Today's order marks a second commercial order of this kind for PyroGenesis.

"The receipt of a second recurring order under this contract further validates the market opportunity for our titanium off-cut powder. Reintroducing our stockpiles of this high-value titanium into the supply chain reduces waste and helps to safeguard critical mineral supply," said P. Peter Pascali, President and CEO of PyroGenesis. "The establishment of a market for off-cut material, in addition to our fine and course cut titanium powders, increases the effectiveness and profitability of each production run from our NexGen™ reactor and increases the overall sustainability of the process."

Image: PyroGenesis' titanium metal powder as produced by its NexGen™ plasma atomization system.

INDUSTRY AND MARKET CONTEXT

- The global 3D printing market specific to titanium powder is expected to increase from $214 million in 2023 to $1.4 billion by 2032. [1]
- Titanium is classified as a critical mineral by both Canada [2] and the U.S. [3]
- Titanium is used by multiple industries, including space, aerospace, defense, consumer electronics, medical, hydrogen, and electric vehicles, due to its high strength-to-weight ratio and corrosion resistance.

PyroGenesis is the inventor of the plasma atomization process and in fact coined the term "plasma atomization" in its original patent. The Company's NexGen™ system is a patented upgrade to what is considered the gold standard process for the development of metal powder for additive manufacturing, also referred to as metal 3D printing.

About PyroGenesis Inc.

PyroGenesis leverages 35 years of plasma technology leadership to deliver advanced engineering solutions to energy, propulsion, destruction, process heating, emissions, and materials development challenges across heavy industry and defense. Its customers include global leaders in aluminum, aerospace, steel, iron ore, utilities, environmental services, military, and government. From its Montreal headquarters and local manufacturing facilities, PyroGenesis' engineers, scientists, and technicians drive innovation and commercialization of energy transition and ultra-high temperature technology. PyroGenesis' operations are ISO 9001:2015 and AS9100D certified, with ISO certification maintained since 1997. PyroGenesis' shares trade on the TSX (PYR), OTCQX (PYRGF), and Frankfurt (8PY1) stock exchanges.

Cautionary and Forward-Looking Statements

This press release contains "forward-looking information" and "forward-looking statements" (collectively, "forward-looking statements") within the meaning of applicable securities laws. In some cases, but not necessarily in all cases, forward-looking statements can be identified by the use of forward-looking terminology such as "plans", "targets", "expects" or "does not expect", "is expected", "an opportunity exists", "is positioned", "estimates", "intends", "assumes", "anticipates" or "does not anticipate" or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might", "will" or "will be taken", "occur" or "be achieved". In addition, any statements that refer to expectations, projections or other characterizations of future events or circumstances contain forward-looking statements. Forward-looking statements are not historical facts, nor guarantees or assurances of future performance but instead represent management's current beliefs, expectations, estimates and projections regarding future events and operating performance. Forward-looking statements are necessarily based on a number of opinions, assumptions and estimates that, while considered reasonable by PyroGenesis as of the date of this release, are subject to inherent uncertainties, risks and changes in circumstances that may differ materially from those contemplated by the forward-looking statements. Important factors that could cause actual results to differ, possibly materially, from those indicated by the forward-looking statements include, but are not limited to, the risk factors identified under "Risk Factors" in PyroGenesis' latest annual information form, and in other periodic filings that it has made and may make in the future with the securities commissions or similar regulatory authorities, all of which are available under PyroGenesis' profile on SEDAR+ at www.sedarplus.ca. These factors are not intended to represent a complete list of the factors that could affect PyroGenesis. However, such risk factors should be considered carefully. There can be no assurance that such estimates and assumptions will prove to be correct. You should not place undue reliance on forward-looking statements, which speak only as of the date of this release. PyroGenesis undertakes no obligation to publicly update or revise any forward-looking statement, except as required by applicable securities laws. Neither the Toronto Stock Exchange, its Regulation Services Provider (as that term is defined in the policies of the Toronto Stock Exchange) nor the OTCQX Best Market accepts responsibility for the adequacy or

accuracy of this press release.

For further information contact ir@pyrogenesis.com or visit http://www.pyrogenesis.com

[1] https://3dprint.com/313549/titanium-3d-printing-powders-to-reach-1-4b-by-2032/

[2] https://www.canada.ca/en/campaign/critical-minerals-in-canada/critical-minerals-an-opportunity-for-canada.html

[3] https://public-inspection.federalregister.gov/2025-16311.pdf

A photo accompanying this announcement is available at https://www.globenewswire.com/NewsRoom/AttachmentNg/a6d7a21c-32d0-4d1c-bb35-ea95664f78be