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Velo3D Advances Strategic Partnership with Amaero Following Powder Qualification Milestone by Auburn University's NCAME

FREMONT, Calif., July 8, 2025 /PRNewswire/ -- Velo3D, Inc. (OTC: VLDX), a leading provider of additive manufacturing technologies for mission-critical metal parts, announced that it will move forward with its system-specific material qualification process for **C103 Niobium** and **Ti-6Al-4V Titanium** powders produced by **Amaero Ltd (ASX:3DA, OTC: AMROF)**, following a successful testing milestone completed by **Auburn University's National Center for Additive Manufacturing Excellence (NCAME)**.



In support of Velo3D's strategic partnership with Amaero, NCAME independently printed and tested Amaero's powders to validate their conformance to additive manufacturing standards. This achievement satisfies the initial qualification condition required by Velo3D to begin machine-specific testing on its Sapphire printer platform.

Specifically:

- Amaero's **C103 powder** demonstrated conformance with **ASTM F3635 Class B** following a 2200°F niobium heat treat cycle.
- Amaero's **Ti-6Al-4V powder** met **AMS7015 and ASTM F3001** standards.

"Velo3D lauds the recent milestone achievement between Amaero Ltd and Auburn University's National Center for Additive Manufacturing Excellence (NCAME)," said **Dr. Arun Jeldi, CEO of Velo3D**. "The close collaboration between Amaero and NCAME has demonstrated Amaero's powder conformance with additive manufacturing industry standards. As a result of Amaero's accelerated achievement, we are excited to announce that under the Velo3D/Amaero strategic partnership, over 1,000 kg of Niobium and Titanium powder will arrive on the Velo3D production floor late in Q3CY2025 to support critical projects in the aerospace and defense industries."

Hank J. Holland, Amaero Chairman and CEO, added:

"To achieve the full potential of metal additive manufacturing, it's essential to build a resilient domestic ecosystem—from scalable powder production to machine platforms and high-performance parts. Amaero has commissioned the most advanced atomization technology for refractory and titanium alloys and is proud to support the U.S. industrial base. This milestone with Auburn and our broader partnership with Velo3D are critical steps toward

scaling affordable, high-quality, traceable powders for national security applications."

With this foundational qualification complete, Velo3D will begin material validation and printing trials using its Sapphire systems to complete full integration into its production workflows. The collaboration with Amaero reflects Velo3D's continued commitment to building a secure, U.S.-based additive manufacturing supply chain capable of supporting the most demanding aerospace and defense programs.

About Velo3D

Velo3D is a metal 3D printing technology company. 3D printing—also known as additive manufacturing (AM)—has a unique ability to improve the way high-value metal parts are built. However, legacy metal AM has been greatly limited in its capabilities since its invention almost 30 years ago. This has prevented the technology from being used to create the most valuable and impactful parts, restricting its use to specific niches where the limitations were acceptable.

Velo3D has overcome these limitations so engineers can design and print the parts they want. The company's solution unlocks a wide breadth of design freedom and enables customers in space exploration, aviation, power generation, energy, and semiconductor to innovate the future in their respective industries. Using Velo3D, these customers can now build mission-critical metal parts that were previously impossible to manufacture. The fully integrated solution includes the Flow print preparation software, the Sapphire family of printers, and the Assure quality control system—all of which are powered by Velo3D's Intelligent Fusion manufacturing process. The company delivered its first Sapphire system in 2018 and has been a strategic partner to innovators such as SpaceX, Honeywell, Honda, Chromalloy, and Lam Research. Velo3D has been named as one of Fast Company's Most Innovative Companies for 2024. For more information, please visit [Velo3D.com](https://www.velo3d.com), or follow the company on LinkedIn or X.

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About Amaero

Amaero Ltd (ASX:3DA and OTC:AMROF) is an ASX-listed and OTC-listed company with manufacturing and corporate headquarters located in Tennessee, U.S. Amaero is a leading U.S. domestic producer of high-value refractory and titanium alloy powders for additive and advanced manufacturing of components utilised by the defense, space, and aviation industries. The technical and manufacturing team brings decades of experience and know-how with pioneering work in gas atomization of refractory and titanium alloys. The Company has commissioned advanced gas atomization technology with an industry leading yield of AM powder. The Company is also a leader in PM-HIP (Powder Metallurgy Hot Isostatic Pressing) manufacturing of large, near-net-shape powder parts with forged-equivalent material properties and microstructure for a variety of alloys. PM-HIP manufacturing is helping alleviate the strained domestic supply chain for large scale castings and forgings.

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