MEDIA CONTACT: Emily Elpes
Vice President of Marketing, 3DEO
(323) 214-7665
emily.elpes@3deo.co

FOR IMMEDIATE RELEASE

3DEO WINS GRAND PRIZE AT 2023 DESIGN EXCELLENCE AWARDS

Followed by Award of Distinction, 3DEO recognized for outstanding application of powder metallurgy.

Torrance, C.A (June 26, 2023) - 3DEO, the Torrance-based design, engineering and manufacturing firm and world leader in metal 3D printing, has won two awards at the PowderMet & AMPM2023 show last week in Las Vegas, NV. The company won the Grand Prize for Medical/Dental Application and an Award of Distinction for the Hardware/Appliance Category at the 2023 Design Excellence Awards.

These awards, sponsored by the Metal Powder Industries Federation (MPIF), are a testament to the outstanding application of Powder Metallurgy, an area in which 3DEO has been continuously excelling. As a leading North American technical conference on powder metallurgy and particulate materials, PowderMet & AMPM2023 is a hub for professionals from every aspect of the industry, making this recognition particularly significant.

"It's a great honor for us to be recognized by such a prestigious body. This achievement is a testament to the tireless work and innovative mindset of our talented team," said Matt Petros, CEO and co-founder of 3DEO. "We're continually pushing the boundaries of what's possible with our technology, and these awards underscore our commitment to innovation and excellence."

Alongside this recognition, 3DEO's Mahmood Shirooyeh, Senior Materials Scientist, and Midhun Gopakumar, Lead Mechanical Engineer, presented research papers at the conference, shedding light on 3DEO's advancements in binder-assisted, sinter-based additive manufacturing of pure copper, and methods for reducing binder saturation variation.

Shirooyeh's paper, "An Investigation on the Impact of Density on Electrical and Mechanical Properties of Pure Copper in Binder-Assisted, Sinter-Based Additive Manufacturing," presents research on the additive

manufacturing of copper parts via 3DEO's Intelligent Layering technology. It provided significant insights into how differences in density directly influence the properties of manufactured parts.

In a parallel track, Gopakumar's paper, "Analytical Methods for Reducing Binder Saturation Variation in a Sinter-Based Additive Manufacturing Technology," outlines a proprietary test method to ensure the most suitable binder delivery design, resulting in more uniform and repeatable binder distribution.

"Our researchers and engineers are the backbone of our innovation-driven culture," said CTO Payman Torabi. "These papers underline the depth of research and dedication that goes into ensuring we stay at the forefront of the additive manufacturing industry."

Continuing to earn accolades and develop groundbreaking techniques, 3DEO is solidifying its place as a pioneer in the world of 3D printing and additive manufacturing. With these awards and their ongoing research, the company remains committed to providing the most advanced solutions for their customers.

ABOUT 3DEO

Based in Torrance, California, 3DEO is one of the world's highest volume manufacturers of 3D printed precision metal components made with its patented metal 3D printing technology, Intelligent Layering®. 3DEO's partnership-approach to early-stage design coupled with its proprietary technology and expertise in complex geometries and design for additive manufacturing (DfAM) make 3DEO stand out from other manufacturers. 3DEO created the Manufacturing Cloud™, an end-to-end manufacturing platform built to scale 3DEO's proprietary metal 3D printers into mass production through software, 3D printing, robotics, automation, augmented reality, and materials innovation. 3DEO is ISO 9001:2015 certified and falls under the category of 3D Printing as a Service (3DPaaS). For more information, visit www.3DEO.co.

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