

# Freemelt establish its first North American application center with HAMR Industries LCC

**Freemelt-Americas, Inc. has entered a strategic agreement with HAMR Industries LCC to establish Freemelt's first application center in North America, to support the commercialization of the industrial machine, eMELT.**

HAMR Industries LCC (HAMR) is a technology and manufacturing company specializing in advanced materials and manufacturing techniques for applications operating in harsh and extreme conditions for the energy and defense industries. Together with HAMR, Freemelt has established an E-PBF (Electron Beam Powder Bed Fusion) application center at the HAMR facility within Neighborhood 91, by Pittsburgh International Airport. Neighborhood 91 is the world's first end-to-end additive manufacturing (AM) production campus bringing together a complete AM supply chain designed to reduce costs and lead-times, fostering innovation and collaboration within the AM industry.

Freemelt's Regional President America, Darin Everett comments:

"Thanks to Dr. Michael Schmitt, CEO of HAMR Industries, his team, and this new application center, we are strengthening our capability to meet the growing demand from industrial and government customers. With joint resources, we can meet increasing requests for projects, feasibility studies, and engineering support in material process and application development, during the transitions from AM research to serial production. With HAMR Industries and Neighborhood 91's expertise in metal additive manufacturing, R&D, and production, we ensure that eMELT will be exposed to new government and industrial business opportunities within defense and energy, driving the commercialization of eMELT across North America."

HAMR industries LCC CEO, Senior Research Scientist Michael P. Schmitt, Ph.D. comments:

"HAMR is excited to have a Freemelt ONE installed in our facility here in Pittsburgh. On-site E-PBF capabilities will provide a unique opportunity for us to jointly develop this incredible technology towards critical defense, energy, and industrial applications using materials like tungsten, refractory high entropy alloys, and OFHC (Oxygen-Free High Conductivity) copper. This is the first step towards providing domestic production capacity within E-PBF using the eMELT system. Establishing this collaboration with Freemelt also demonstrates the value of Neighborhood 91 and an additive manufacturing ecosystem, where a regional concentration of academic knowledge and industry know-how attract new technology and foster an environment of growth. We look forward to working with Darin and the Freemelt team to demonstrate E-PBF for components in extreme environments."

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## Contacts

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## About Us

Freemelt is a deep-tech, green-tech company whose groundbreaking solution creates new opportunities for rapid growth in 3D printing, also known as additive manufacturing (AM). AM is a technology under substantial growth, revolutionizing the traditional manufacturing industry by offering a sustainable production process with optimized product design, shorter lead times, minimal material waste, and reduced environmental impact. Freemelt's protected technology enables more cost-effective 3D printing with consistent and high quality. A open-source approach will provide conditions for significant growth and expansion into new manufacturing markets. Freemelt was founded in 2017, is listed on Nasdaq First North Growth Market, headquarters in Mölndal, has a manufacturing unit in Linköping, and sales offices in the Netherlands and the USA. Read more at [www.freemelt.com](http://www.freemelt.com)

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## Attachments

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