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FOR IMMEDIATE RELEASE

Harper Awarded Multiple Contracts for Ultra High Temperature (UHT) Furnaces

Buffalo, NY – Harper International, world leader in thermal processing solutions for advanced materials, has been awarded several projects for UHT (ultra high temperature) continuous furnace systems. One system, rated at 2800°C, is to be installed at FISIFE in Portugal funded through EUCARBON, a project of European Union 7th Framework Program granted to INEGI the Institute of Mechanical Engineering and Industrial Management in Porto. The system will be used for the development of high modulus carbon fiber, primarily used in applications requiring high rigidity.

Harper was selected for the contract due to its track record of delivering the most advanced carbon fiber thermal processing systems available, especially in the UHT market. Harper's team of engineering experts makes use of innovative design techniques to navigate the difficulties of developing a system that must operate at such high temperatures for extended periods of time. Most materials used in the construction of a furnace, such as the heating elements and insulation, will be consumed as part of the reaction with exposure to such high temperatures. Harper employs its years of experience and multiple proprietary features to implement systems that perform reliably for extended periods at these elevated temperatures.

"In the ultra high temperature carbon fiber processing market, we are the leading thermal processing technology provider due to our proven ability to engineer and scale up efficient, dependable solutions time and time again", commented Charles Miller, Jr., President at Harper. "Harper prides itself in its capability to provide innovative technology for our valued customers that no other company can match. These UHT wins are another demonstration of that."

Harper has developed UHT furnaces in a range of sizes, from as small as 65mm width systems producing 10 tons per year such as the FISIFE install, to production rates of 400 tons per year and more.

About Harper International

Harper International is a global leader in complete thermal processing solutions, as well as technical services essential for the production of advanced materials. From concept to commercialization, from research scale to full production line operations, Harper is perpetually on the cutting edge. For decades, we have pioneered some of the world's most innovative, customized systems, with a focus on processing materials at high temperature and in non-ambient atmospheres. For additional information about Harper, please visit harperintl.com or email us at info@harperintl.com.

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