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March 11, 2014

FOR IMMEDIATE RELEASE

Harper Awarded \$38M in Contracts for State-of-the-Art Carbon Fiber Production Systems

Buffalo, NY – Harper International, world leader in thermal processing solutions for advanced materials, has been selected by a prominent firm for its production scale Carbon Fiber conversion line. The contracts include, but are not limited to, advanced three meter wide Oxidation Ovens, LT and HT carbonization systems, waste gas abatement systems, fiber handling and integrated additional unit operations, controls, and services, valued at approximately \$38 Million USD in total.



Harper's Production Scale Oxidation Oven

With its market-leading Furnaces and ground-breaking Oxidation Oven technology, the customer chose Harper for its full line investment to ensure the most efficient total operation of their plant. As a key feature of its pioneering Ovens, Harper's proprietary atmospheric seals reduce fugitive emissions, increase the active volume of the oven, and offer reduced energy consumption over alternatives. For the customer, this and other technology advancements equal optimized fiber quality and production rates due to faster oxidation, improved velocity uniformity and range capability, assured temperature uniformity, and optimal control of the reaction.

"Our global leadership in Carbon Fiber production system technology continues to be validated by clients who place their trust in Harper's staff to conceive and implement the world's most efficient integrated plants," commented Charles Miller, President at Harper. "Harper's cutting-edge technology combined with our respected Pulse™ service

program provides customers with the most secure path to success in Carbon Fiber production. We strive to be identified as offering the most superior technology on the market for a range of fiber precursors, from research scale Microlines™, to the largest scale production plants in the industry".

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, please visit www.harperintl.com or email info@harperintl.com.

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