



NEWS RELEASE

For more information, contact:  
Mary Van Vonderen, Manager, Marketing Services  
(920) 339-2787; mvanvonderen@megtec.com

FOR IMMEDIATE RELEASE

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**MEGTEC Develops Proprietary Systems for Recovery and Purification of NMP from Lithium Ion Battery Manufacturing Operations**

De Pere, Wis., U.S.A., August 17, 2009. MEGTEC Systems Inc. has developed proprietary systems for high efficiency removal, recovery and purification of N-Methylpyrrolidone (NMP) from coating line exhaust air streams in the lithium ion battery manufacturing process. The systems provide regulatory compliance to EPA emission standards.

Following the recovery of NMP from the dryer exhaust stream, MEGTEC also provides equipment for the dehydration and purification of NMP to ultra pure/electronic grade specifications to allow reuse in the manufacturing process. All systems can be pre-assembled on skids for ease of equipment installation.

For companies who are involved in the development and testing of lithium ion, lithium sulfur and silver zinc battery coating formulations, MEGTEC Systems offers a simple, easy-to-use laboratory coating line designed for short production runs. MEGTEC's lab coating line offers the capability of producing 200 mm wide cathode and anode samples at speeds up to 3 meters/min.

MEGTEC also offers customers the ability to test, develop and improve their processes by evaluating system variables and components on their in-house pilot lab line located in the company's De Pere, Wisconsin, U.S.A. facility. The pilot line has multiple coating methods and a 3-zone dryer that has been used with a wide range of substrates and tensions.

**MEGTEC Systems, Inc.**  
830 Prosper Road  
P.O. Box 5030  
De Pere, WI 54115-5030



MEGTEC Systems is a global turnkey supplier of custom coating, drying and environmental solutions for applications such as battery electrodes, photovoltaic cells, battery separators, solar films, membranes, clean room processes, and many more. MEGTEC's vertical or horizontal dryer configurations can effectively dry or cure thin substrates of single-side or simultaneous two-side coated webs.

For detailed information about MEGTEC's drying and coating line, laboratory coater, pilot coating line, or recovery and purification systems, contact Jim Nennig at 1-800-558-2884 or submit your inquiry to [info@megtec.com](mailto:info@megtec.com).

Additional information about MEGTEC's products and services can be found at [www.megtec.com](http://www.megtec.com).

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