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Nitrofreeze® Cryogenic Deburring and Deflashing Services Expand Capacity

Worcester, MA - March 17th, 2010 - The Cryogenic Institute of New England, Inc. announces the acquisition of a new cryogenic finishing system that will expand capacity for both its Nitrofreeze® Cryogenic Deburring and Deflashing Services. These processes are used by a wide range of customers in diverse industries including medical device, aerospace, automotive, and process control, among others. The increased adoption of these advanced techniques to remove machine burrs created in CNC operations and flash from molded parts has resulted in the need for additional cryogenic deburring and deflashing capacity at the company's main facility in Worcester, MA.

"Our new cryogenic deburring and deflashing system will enable us to better serve our customers with faster turnaround, increased production lot sizes and reduced costs," according to Robin Rhodes, President of the Cryogenic Institute of New England, Inc. The company first offered its cryogenic deburring and deflashing services in 2003 and they have since become two of its most successful product lines.

Thanks to its larger size and increased capacity, the addition of the new cryogenic deburring and deflashing system has tripled the company's overall production throughput. "The new system has significantly higher payload than the first system that was put into service seven years ago," according to Bryce Trani, the company's Operations Director. Regardless which machine is used, the Nitrofreeze® Cryogenic Deburring and Deflashing Process is able to protect the surface finish and critical dimensions of the parts during burr and flash removal because the parts are processed in a cryogenically frozen condition.

"Increased capacity will allow us to continue our standard two day delivery commitment while maintaining our standard for the highest quality and most economical deflashing and deburring services," according to Ryan Taylor, Product Marketing Specialist at Cryogenic Institute of New England, Inc. "Our customers are the real winners from this investment because we now have additional options from which to serve their needs," he added.

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Cryogenic Deburring and Deflashing Services (cont.)

The company processes parts to remove undesirable machine burrs or mold flash for customers on a “job-shop” or contract service basis. Typical batch sizes range from dozens of individual components to hundreds of thousands per week. The company’s standard turnaround time is within two days of receipt and fast turn service for prototype of other rush parts can be accommodated for a small premium charge. The proprietary Nitrofreeze® Processes are environmentally-friendly, clean, fast and cost-effective – especially when compared to other alternative deburring and deflashing processes. The company’s expertise in cryogenic deflashing and deburring has recently resulted in its establishment of a proprietary *Standards of Cryogenic Finishing* database that it uses when designing custom process recipes for its customers parts.

More information is available at the company’s web page, <http://www.nitrofreeze.com/deburring.html> or <http://www.nitrofreeze.com/deflashing.html>.

The Cryogenic Institute of New England, Inc., located at 90 Ellsworth St. Worcester, Massachusetts, USA, (508) 459 7447, is dedicated to the commercial application of cryogenic technologies to serve the needs of industry, government and scientists. The firm offers a full range of Nitrofreeze® cryogenic services, including cryogenic burr removal service, cryogenic deflashing services, conventional cryogenic treatment, heat & freeze thermal cycling, shrink fitting services, and dry ice (CO2) blast cleaning. It also offers engineering services, cryogenic lab work in support of R & D, and custom equipment design for new and unique cryogenic applications. It is a corporate sustaining member of the Cryogenic Society of America and ASM-The Material Society.

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