Norman Noble, Inc.
Microprecision Medtech Manufacturing

Norman Noble Inc. to Open New Process Development Center In Naples, Florida

New facility doubles prototype manufacturing capacity for orthopedic implants and devices

HIGHLAND HEIGHTS, OHIO – March 10, 2015 - In a move that will grow its overall market share of medical implant manufacturing in the United States, Norman Noble Inc. will open a new process development center in Naples, Florida. The new facility, dubbed **5-Axis Micro Milling and Turning Process Development Center South (PDC South),** doubles the company's capacity for manufacturing orthopedic implant and device prototypes and represents a strategic expansion geographically for Norman Noble. When it opens in April, PDC South will be located in Fairways Trade Village in Naples, Florida.

Norman Noble's PDC South facility will be outfitted with Swiss turning and 5-axis vertical milling machines with a primary focus on orthopedic screw and plate manufacturing. The new facility will focus special, but not exclusive, attention on customers located in the Southern United States and on parts that can be manufactured entirely on a Swiss turning or 5-axis vertical milling machine without also requiring ancillary finishing such as wire electrical discharge machining (WEDM) or laser cutting.

In addition to its core Swiss turning and 5-axis vertical milling functions, the PDC South operation will house laser marking, finishing and inspection equipment as well as a programming office.

Once process development for a part is completed at PDC South, Norman Noble will complete validation activities and mass manufacturing at its full-scale production facilities in Highland Heights, Ohio.

Norman Noble Process Development Centers support customers with ultra-precision micromachining of medical devices from initial prototype through all stages of FDA approval to full-scale manufacturing. The company's process development centers are central to its customers' ability to bring next-generation medtech devices to market quickly and cost effectively while meeting quality, delivery and regulatory requirements. PDC South further expands the company's network of process development centers and supports a higher volume of new projects that can be run concurrently.

Each process development center team is staffed with experienced engineers that work closely with Norman Noble quality and process validation experts and production staff.

Norman Noble customers that engage the company's independent Process Development Centers benefit from:

- Prototype manufacturing services in dedicated departments for each manufacturing method
- Engineering and Testing services
- Design for Manufacturability (DFM) services to reduce cost and time-to-market by up to half
- Access to Norman Noble's innovative machining and finishing technologies especially projects

involving exotic materials, including NiTinol, magnesium, and bioresorbable materials
- Process validation services and quality engineering support

About Norman Noble, Inc.
Established 69 years ago, Norman Noble, Inc. remains a family-owned and -operated company offering the most advanced processes for ultra-precision micromachining. The company is known for its exceptional ability to achieve sub-miniature precision beyond the reach of most manufacturers. Norman Noble is a supplier to most of the largest OEM's and well-known names in the medical device industry.

Norman Noble manufactures medical devices and implants to customer specifications in compliance with FDA regulations and ISO 9001 and ISO 13485. State-of-the-art processes include laser machining and welding, Swiss turning and milling, conventional and wire EDM, high-speed 7-axis contour milling, Nitinol shape setting and clean room assembly and packaging. Prototype services are available in separate and fully dedicated process development centers. FDA Registration #1531050. For more information, please visit www.nnoble.com.

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