

AUGUST 2017 NEWSLETTER



Porous Coating Testing

Does your device have a porous coating? [Learn](#) about the standards and FDA guidance documents governing calcium phosphate and metallic coating mechanical testing, including abrasion, shear, tensile and rotating beam fatigue testing. These tests are often adapted to evaluate other surface modifications and enhancements designed for bony ingrowth or other cementless fixation technologies. [Physical properties](#) are evaluated per ASTM F1854, Standard Test Method for Stereological Evaluation of Porous Coatings on Medical Implants.



Meet Hailey Hickey

[Hailey](#) joined MDT's team as a testing technician last year. "I love working at MDT for a variety of reasons. The coworkers here are all very intelligent, hard-working, and wonderful to work with, and each individual helps meet our customer commitments through their openness and approachability. Also, my workload and responsibilities at MDT are constantly changing as tests begin and end, which keeps me fresh and interested in the tasks at hand. My favorite pastime is traveling. I have visited 15 countries in the past 4 years volunteering with orphanages in Peru and intensively studying German in Germany. I want to continue learning languages and exploring new countries and hope to visit 6 of the 7 continents in my lifetime!"



We Are Hiring!

Join the MDT team in Minnetonka, Minnesota as a test engineer or testing technician. We are looking for 3 detail-oriented professionals with expertise in mechanical testing and medical devices to join a team of medical device testing experts in a fast-paced and highly collaborative environment.

Our Project Engineers interface directly with customers to develop comprehensive test plans, conduct client's tests, design and fabricate custom tooling and fixtures, and prepare test reports. We are looking for two Project/Test Engineers who can manage the day to day activities of multiple projects and possess sound mathematical, analytical and troubleshooting skills. Test Technicians perform mechanical testing in state of the art laboratories, including fixture and machine setup, inspection, documentation, and contribution to continuous improvement activities, and interact with engineers and clients. [Contact us](#) to learn more.



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