



Birck Nanotechnology Preventative Maintenance & Construction Closure Notice

October 14, 2024 – October 18, 2024

The Birck Nanotechnology Center will be undergoing a semi-annual preventive maintenance and construction closure October 14 through October 18, 2024. The air handling systems, chemical exhaust systems, toxic gas delivery, and monitoring systems will be down beginning at 7 a.m. Monday, October 14 through 4 p.m. Friday, October 18. The BNC staff will be performing appropriate preventive maintenance on the process equipment at this time as well.

All CLEANROOM research work will be suspended until the maintenance and construction activities are completed and all systems are returned to normal. Only authorized personnel will be allowed to enter the cleanroom during this time.

Due to the BRK Modernization Infrastructure Project two major electrical interruption are required. First will be **Monday October 14 @ 7AM for 10 hours all center HVAC systems in the center will be powered off. The cleanroom and all general laboratories ambient temperatures and laminar air flow will be off during this time (including QDF cleanroom). Second involves ALL RESEARCH TOOLS IN THE CENTER to be power off on **Tuesday October 15 @ 7AM for 10 hours**, and research tool power will be restored the same day. Research tools on UPS power should not see any loss of power during this time.**

The laboratory areas will also be affected by this systems maintenance. As such, all LABORATORY activities that involve exhausted fume hoods, biological safety cabinets, and vacuum systems will be down beginning 7 a.m. Monday, October 14 through 4 p.m. Friday, October 18. However, work that involves taking standard electrical measurements may be carried out in the LABS provided that fluctuating air temperature and humidity do not affect the readings. No chemical or biological work will be allowed during this period.

It is anticipated that the building and process tool maintenance will be completed by the end of the day on Friday, October 18. Please check iLabs for equipment status and availability.

For long term research planning please refer to the following future dates for our next preventive maintenance closures.

Week of May 5, 2025 (3-week closure)

Week of Oct 20, 2025.

Week of May 4, 2026

Week of Oct 19, 2026

Thank you for your cooperation and understanding during these important preventive maintenance closures. Please contact me if you need more detailed information.

Birck Nanotechnology Center Leadership