

LN2 Use During COVID-19 Shut Down

1. Contact Rosie (r.falco@northeastern.edu) and Hannah (h.appiah-madson@northeastern.edu) at least 2 days before you need LN2 to get approval for LN2 use.

DO NOT DISPENSE LN2 IF IT HAS NOT BEEN APPROVED BY ROSIE OR HANNAH!

2. Text Rosie (781-254-4927) and Hannah (314-580-3353) 15 minutes before you dispense LN2.
3. Sterilize face shield – there are alcohol wipes by the door.
4. Only dispense LN2 from the tank that is attached to the LN2 freezer.
 - a. If the tank is empty, please contact Rosie (781-254-4927) immediately.
 - b. The unattached tank is a back-up tank. Never use this tank!
5. Dispense LN2 into dewar.
 - a. Put on face shield, nitrile gloves, cryo gloves and lab coat (get a clean one from the bunker if you don't have one from your lab that is clean).
 - b. Close valve to tank.
 - c. Detach hose from LN2 tank – there should be a wrench on the top of the freezer.
 - d. Attach the other hose (should be on the table by the windows) to the liquid valve (where the hose from the freezer was attached).
 - e. With the end of the hose in the dewar, open valve until dewar is full.
 - i. OGL has dewars you are welcome to use. Please let Rosie and Hannah know if you borrow one and return it promptly.
 - f. Close valve.
6. Sterilize face shield after use!
7. Sterilize LN2 tank, hose, wrench, and doorknob if touched with bare hands.
8. **1 hour after you dispense LN2, reattach the hose to the LN2 freezer and open the valve. Press “start fill” and watch to make sure the connection is good (i.e., LN2 is not leaking). Text a picture of the reattached hose to Rosie and Hannah!**
 - a. Do not swap hoses immediately after use!