**Refilling Liquid Nitrogen Dewars**

1. Inside the lab by the doors to the loading area, there will be a switch covered in a red plastic case. Open it and flip the switch to on.
2. Outside, zero the scale.
3. Push the dewar onto the scale, making sure all four wheels are on the scale. The blue valve should be facing to the right, and the relief valve should be facing to the left.
4. Connect the left nozzle to the blue valve, and the right nozzle to the X valve. Make sure you’re not forcing it on! This will strip the connection on the dewar and make it very hard to use.
5. Open both valves.
6. Record the weight to log into the dewar fill excel sheet.
7. On the keypad, punch “2” for liquid nitrogen.
8. Each dewar has a tare weight listed on the side in sharpie. Punch in the tare weight.
9. Next, punch in “300” for fill and press enter. The liquid nitrogen will start to flow.
10. Check on the dewar in 10 minutes or so. The screen will read how much the dewar is filled with from 0-300. When the dewar is full when it will read ~600.
11. Close off both valves and remove both nozzles.
12. Leave the dewar outside to vent until it reaches 20(?) psi.
13. You may need to use the heat gun to melt ice in the vent valve.
14. Ready to use!