

SOP-E008

MoFlo XDP Sorter Daily **Shutdown** Procedures

Purpose: to properly shutdown the XDP sorter at the end of the day

Procedure:

In general, power to the XDP system and aXcess Control Panel should remain on

1. Turn off lasers
 - a. Turn off lasers at the remote controller boxes
 - b. Turn off laser power supplies, keys and switches
 - c. Turn off main power switches (silver boxes on wall with red handles)
 - d. Allow laser cooling water to run about 10 minutes longer to cool lasers
2. After 10 minutes, turn off chiller water pump switches on wall next to sorter
3. Turn off valves behind sorter
4. Turn off chilled water supply valves in micro room (133D)
5. On the Stream Configuration Screen, turn off the Drop Drive, Deflection Plates, and Stream Illumination.
6. Place a tube of 10% bleach on the SmartSampler and run it for 3-5 minutes.
7. Place a tube of Coulter Clenz on the SmartSampler and run for 3-5minutes
8. Place a tube of DI water on the SmartSampler for 5minutes
9. Place another tube of DI water on
10. Press the Stop Fluidics button (on SmartSampler red button shaped like a droplet), to shutdown fluidics
11. Close the **red** (vacuum)and **blue** (pressure) switches located on the pressure console, to stop pressure and vacuum
12. Turn off the aXcess control panel monitor (button on the side of the monitor)
13. Turn off Jun-Air compressor (main power switch on front, red)
14. Loosen the vent valve on the sheath tank to de-pressurize the system **NOTE: turn only one whole turn, otherwise you will liberate the compressed spring and ball bearing.....good luck finding them!!!!)**

Created by: Kathy Ragheb, August 2, 2011

Atoned by:

Verified by: _____ Date: _____

Print Name

Sign Name