**WSU-IAREC IR-4 Freezer Alarm Test**

Freezer Sensaphone 2000 alarm system will be tested at least once every year. Done in conjunction with spring cleaning of freezers or at the time of annual verification of the temperature sensors. This will be done to ensure that the alarm system is working and fully functional. The Sensaphone 2000 will also be unplugged and allow the system to go through a power outage alarm cycle.

Normal Alarm Set Point Temperatures: Low: -35°F High: 0°F (Normal operation is -24°F to -10°F)

Delay for Alarm Activation: 30 minutes. This procedure can be followed during the cleaning cycle or annual verification of temperature sensors.

1. Turn off one freezer for the cleaning process (Untreated first then Treated). Sensor verification can be done at the same time or at a different time. Freezers are typically empty of samples for several months at this time of the year.
2. Note on log if the alarm for both main and backup sensors activated and call out.
3. Note system callout time.
4. Temporarily turn off after alarm activation (call out cycle) and finish cleaning.
5. Restore or reactivate alarm settings once the freezer unit’s has been cleaned. Note when the alarm stops calling out when temperature is at or below 0°F.
6. Once the temperature is restored to both freezer units the Sensaphone 2000 will be unplugged from the outlet and allowed to go through a power outage alarm cycle. Again a minimum of 30 minutes is needed for callout.
7. Print out both graph & recorded sensor Temp/Time points will be made and place into the facility file.

Sensaphone 2000 IR-4 Freezer Identification: UTC Freezer #3 main and backup; Treated Freezer #5 main and backup

Date alarm was activated: \_\_\_\_\_\_\_\_\_\_. Time alarm was activated: \_\_\_\_\_\_\_\_\_\_ AM \_\_ PM

Personnel who are alerted by outgoing phone call when the alarm is activated:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Wilson Peng |  | Doug Walsh |  |
|  | Cell phone |  | Cell phone |  |
|  | Home phone |  | Home phone |  |

Time that personnel were alerted when alarm activated:

Date contacted: \_\_\_\_\_\_\_\_\_\_\_ Time Contacted: \_\_\_\_\_\_\_\_\_\_\_AM \_\_PM

**Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_