Steps in the Bioquell Process

1. Staff assigned to the mask disinfection process:
   1. One-two person in the dirty room
   2. Two person in the clean room
   3. 2 runners to go across the house to pick up dirty ask and redistribute the clean ones.
2. STEPS: in dirty room
   1. Don droplet precaution PPE for handling the mask
   2. Pick one unit at a time and group them together on a rack not touching
   3. Quality checks for mask when hanging for disinfection:
      1. When removing mask from bag make sure the mask has on the outside the name of staff member and the unit where the mask will be returned
      2. Check the mask for excessive make up and grime, holes, tears, fiber integrity, check straps for integrity
   4. Place sign on rack for that unit and the group of mask
3. Bioquell Machine set up:
   1. See instruction manual
   2. Place CI in corners of the room opposite the aeration units and one on wall behind the racks
   3. Room is sealed off by engineering HVAC is shut off and return vent sealed
   4. Bioquell machine is placed in the middle of the room
   5. Air Exchange HEPA units are placed with the arrow pointed away from the Main Unit
   6. Wifi is connected from the remote unit and each aeration unit is synced with the main unit.
   7. The room is sealed outside the door and the unit is started.
   8. The seal is checked for leaks with the handheld air quality indicator device
4. Machine Runs for approximately 3 hours based on the square footage of the room
5. After Disinfection cycle room air quality is checked again and room must be less than 1 ppm before staff may enter the room.
   1. Once the Air quality reached less than 1 ppm machine is turned off and the rooms are locked up and left to aerate overnight per Manufacturer IFU
6. Mask will aerate overnight after the Bioquell treatment per the manufacturer IFU’s
7. Next morning the Air Quality of the room is checked again and it should be less than 1 ppm.
8. Once the room is safe to enter removal of the mask is initiated
   1. Each unit is removed individually, placed in a blue bin and taken to the clean room
   2. Station ONE:
      1. Remove the mask from the bin and place a tic mark on the lower edge of the outside of the mask
      2. Check the mask for integrity post disinfection process
      3. Place mask in the nacho boat and pass to station two
   3. Station TWO:
      1. Write the name of staff member on a clean new bag and the unit the mask is going to on the bag
      2. Place nacho boat in bag
      3. Write the name and unit and integrity status of the mask on our Internal Audit sheet
      4. Place the mask in the blue bin for the designated unit
9. Staff are assigned units to return the mask
   1. When rounding and redistributing make sure the mask are place in the units designated storage area and the blue bin is returned to 1st floor Pickens