




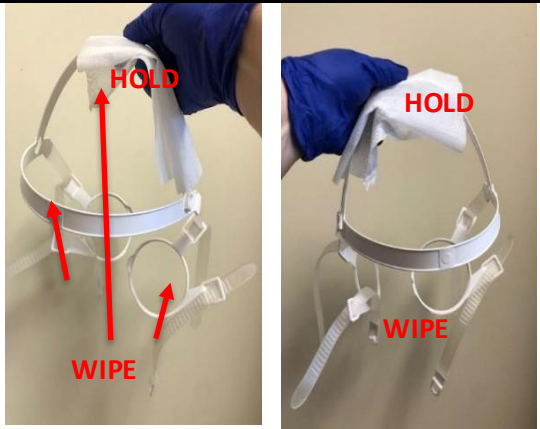


| | | |
|--|---|--|
| Document #: CO-10 |  Standard Operating Procedure (SOP) | Status: v 1.5 Revised: Nov 12, 2021 Owner: Shared Health |
| Disinfecting Silicone Respirators (Precision Air) due to COVID-19 | | Page 1 of 3 |


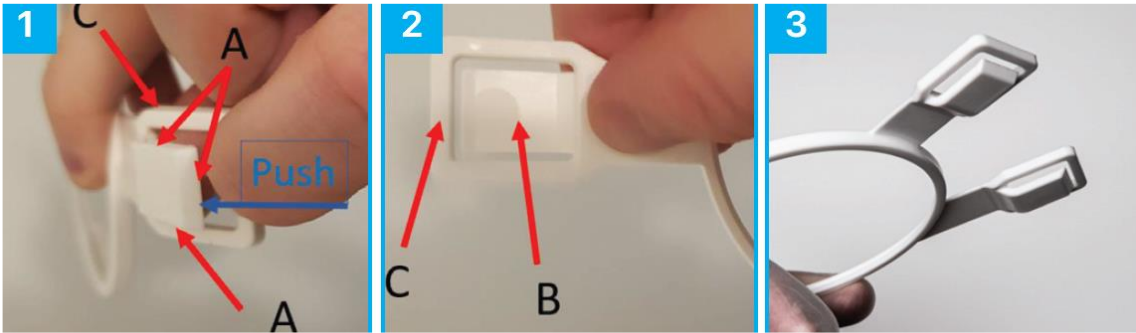
| | |
|-----------------------------|---|
| Purpose | To clean and disinfect Precision ADM reusable respirators using the wipe method when MDR is not available i.e. Community or Fit Testing. |
| Background | The respirator can be cleaned, disinfected and reused; the filter and casing are discarded after use. Staff must not rush through this process and clean and disinfect all surfaces. Creation of a dedicated PPE cleaning/disinfection space with close proximity to a sink for rinsing is strongly recommended to allow safe and unrushed processes. |
| Types of Respirators | – Applies only to Precision ADM reusable respirators (AIR01-ML-NF) |
| Materials Required | <ul style="list-style-type: none"> – At least 6 disinfectant wipes (e.g., Accel Intervention) are required – At least 3 pairs of gloves – Gown – Blue pad – Paper towels – Collection bin |

| Step | Manual Cleaning and Disinfection of Precision ADM Reusable Respirator | |
|------|---|---|
| 1 | Use a disinfectant wipe to clean and disinfect a flat surface to perform cleaning and disinfection on. Lay blue pad on the disinfected surface. Remove eye protection per doffing procedures. | |
| 2 | Perform hand hygiene and don clean gown. | |
| 3 | Remove respirator and visually inspect. If respirator is visibly soiled: place in appropriate designated location. | |
| 4 | Disassemble parts as shown, and place on the disinfected surface. Discard filter casings with filters. Perform hand hygiene. |  |
| 5 | Remove 6 disinfectant wipes from canister and place on the disinfected surface. | |
| 6 | Perform hand hygiene. Apply new gloves. | |
| 7 | With a disinfectant wipe, hold respirator in one hand by the barrel. |  |

| | |
|--|--------------------|
| Disinfecting Silicone Respirators (Precision Air) due to COVID-19 | Page 2 of 3 |
|--|--------------------|

| | | |
|----|--|--|
| 8 | <p>Using another (2nd) wipe, disinfect inside of respirator completely using back and forth motions</p> <ul style="list-style-type: none"> i. Inner hard body surface (white) ii. Inside surface of the seal (coloured) iii. Outer seal surface, inside-facing (coloured) |  |
| 9 | <p>Disinfect outer seal surface, outside-facing (colored, iv) with same disinfectant wipe (2nd) and discard wipe.</p> <p>Allow for 1-minute wet contact time for Accel Intervention. Re-wipe surfaces as required if they dry before 1-minute has elapsed.</p> |  |
| 10 | <p>Once required wet contact time achieved, hold outer seal of respirator (iii/iv above) using a new disinfectant wipe (3rd).</p> | |
| 11 | <p>Using the 1st wipe (wipe holding the barrel), wipe hard over the outer surface of respirator (white), starting with smooth surfaces, then moving to the barrels and threads. Allow for 1-minute wet contact time for Accel Intervention. Re-wipe surfaces as required if they dry before 1-minute has elapsed. Discard wipe.</p> | |
| 12 | <p>Hold respirator in one hand with exterior of respirator in the palm of gloved hand. With other hand, use a disinfectant wipe (4th) to disinfect a flat surface to place respirator on. Allow required wet contact time and time to air dry completely. Place blue pad on surface. Place respirator on blue pad.</p> | |
| 13 | <p>Remove gloves and perform hand hygiene. Apply new gloves.</p> | |
| 14 | <p>Collect two new disinfectant wipes (5th and 6th) to wipe head straps.</p> <ul style="list-style-type: none"> – Use one wipe (5th) to hold strap at the top – Use other wipe (6th) to wipe side of strap, starting from top. Using same wipe hold top of strap. Ensure appropriate contact with critical features such as circular surface markings, corners, tight features, strap ribs, and snap feature – Use 5th wipe to disinfect other side of strap, starting from top <p>Allow for 1-minute wet contact time for Accel Intervention. Re-wipe surfaces as required if they dry before 1-minute has elapsed.</p> |  |
| 15 | <p>Discard both wipes.</p> | |

| | |
|--|--------------------|
| Disinfecting Silicone Respirators (Precision Air) due to COVID-19 | Page 3 of 3 |
|--|--------------------|

| | |
|----|---|
| 16 | <p>Take extra care during cleaning/disinfecting to scrub/wipe these types of feature:</p> <p>a) Circular surface markings and corners, tight features (for wiping, fold the wipe over and use the edge where necessary)</p>  <p>b) Strap harness wiping</p>  |
| 17 | Set strap on blue pad to air dry. |
| 18 | Remove gloves and perform hand hygiene. Remove gown and perform hand hygiene. |
| 19 | Reassemble respirator ensuring components are completely dry. If components are not completely dry, use paper towel to wipe dry. |
| 20 | If the respirator or components feel sticky after drying rinse thoroughly under tap water and air dry or use paper towel to wipe dry. |
| 21 | Store respirator in appropriate plastic storage bag (e.g., Ziploc®), and in clean secure location. Use one bag throughout the shift for storage of cleaned/disinfected respirator; obtain a new bag for end of day storage and/or if bag is damaged (e.g., torn) or moisture noted within bag. |
| 22 | Perform hand hygiene. Inspect respirator prior to donning to ensure integrity of the respirator is intact. Reassemble with new filters and casings. |
| 23 | Discard respirator into appropriate collection bin for disposal after using for 30 days. |