



Document #: CO-17	 Standard Operating Procedure (SOP)	Status: v 1.0 Revised: April 22, 2021 Owner: Shared Health
Cleaning and Disinfection of 3M 7000 Series Respirator for Fit Testing		Page 1 of 4

Purpose	Clean and disinfect 3M 7500 series respirator for Fit Testing
Background	3M 7501; 3M 7502 and 3M 7503 models
Required Materials	<ul style="list-style-type: none"> • Alcohol-based hand rub (ABHR) or soap and water • 3M 7500 series Half Respirator • Absorbent blue pad (3 minimum) • Facility-approved disinfectant wipes, at least 7 (e.g., accelerated hydrogen peroxide/Intervention). Where wipes are not available, ready-to-use (RTU) disinfectant solution with appropriate cleaning cloths • Gloves


The Process:

Step	1) Preparation	
1.1	Perform hand hygiene	
1.2	<p>Use 1 facility-approved disinfectant wipe (e.g., Intervention) and clean/disinfect surface being used in disinfection process. Ensure required wet contact time achieved (e.g., Intervention is 1 minute).</p> <p>Once air-dried, lay all 3 absorbent blue pads on the disinfected surface.</p>	
1.3	Don gloves	

Step	2) Filter Management	
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2.1	<p>Use 2nd disinfectant wipe to clean and disinfect filter cartridge, including the filter adaptor and filter retainer.</p> <p>Place on first absorbent blue pad.</p>	
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Step	3) Head Harness, Face Seal Cover, and Exhalation Valve Management	
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3.1	<p>Remove head harness, face seal cover and exhalation valve from the respirator's silicone face seal.</p> <p>Use 3rd and 4th (or 3rd, 4th, and 5th if visible soiling) disinfectant wipes to clean and disinfect the harness, face seal cover, and the respirator's silicone face seal. Note: if visible soiling – first clean with the 3rd disinfectant wipe; dispose disinfectant wipe. Then disinfect with the 4th disinfectant wipe; allow required wet contact time.</p> <p>Place on absorbent blue pad.</p>	
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Step	4) Inhalation Valve Management	
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4.1	Remove both (2) inhalation valves.	
4.2	<p>Use 5th disinfectant wipe to clean and disinfect both inhalation valves. Place on absorbent blue pad. Allow required disinfectant wet contact time.</p>	

Step 5) Inhalation Port Gaskets		
5.1	Remove both (two) inhalation port gaskets.	 <p>3M™ Inhalation Port Gasket, 6895, orange, 20/pack</p>
5.2	Use 6 th disinfectant wipe to clean and disinfect both gaskets. Place on absorbent blue pad. Allow required disinfectant wet contact time.	

Step 6) Single Exhalation Valve Management		
6.1	Remove the single exhalation valve.	 <p><i>image shows both sides</i></p>
6.2	Use 7 th disinfectant wipe to clean and disinfect the exhalation valve. Place on absorbent blue pad. Allow required disinfectant wet contact time.	

Step 7) Half Respirator Body Management		
7.1	Place 3M half mask respirator on the second absorbent blue pad.	

<p>7.2</p>	<p>Use 8th and 9th (or 8th, 9th, and 10th if visibly soiled) disinfectant wipe to clean and disinfect the respirator barrel</p> <ul style="list-style-type: none"> Using 8th wipe, hold the outside of the respirator Use the 9th wipe to disinfect the inside of the respirator. Make sure to get all areas including under the folds Once the inside of the respirator is disinfected, wipe as much of the outside of the respirator as possible with the 9th wipe hold the respirator at the bridge of the nose piece with the 9th wipe Use the 8th wipe to disinfect the remainder of the respirator Allow required disinfectant wet contact time 	
<p>7.3</p>	<p>Set respirator on a 3rd absorbent blue pad; allow required wet disinfectant contact time.</p>	
<p>7.4</p>	<p>Doff gloves using glove-to-glove, skin-to-skin technique. Perform hand hygiene.</p>	

Step	8) Rinse	
<p>8.1</p>	<p>Remove head straps. Rinse respirator thoroughly with warm water. Place respirator back on 3rd absorbent blue pad; allow to air dry completely.</p>	
<p>8.2</p>	<p>Perform hand hygiene.</p>	