

10N Guidance
Air Filtration Standards for SPD, Sterile Supply Areas, RME Reprocessing Areas
-Existing Facilities/Construction-

Functional Area	Pre-Filter Efficiency (minimum)	After/Final-Filter Efficiency (minimum)	Centralized monitoring of filter loading ¹ (i.e. Building Automation System)	Inspection Frequency ²	Replacement Criteria	
SPD- Soiled/Decontamination	Existing	VA Grade B (MERV 11)	No	Every three months check for filter loading and filter integrity.	1. Air filter loading reaches recommended optimum (obtained from filter manufacturer). Or 2. Evidence of damage, media deterioration, microbial growth. Or 3. Minimum space airflow (CFM) and ACH requirements cannot be achieved.	
			Yes	Continual monitoring of filter loading. Every six months check for filter integrity.		
SPD- Preparation, Assembly, Sterilization Area	Existing	VA Grade B (MERV 11)	No	Every three months check for filter loading and filter integrity.		
			Yes	Continual monitoring of filter loading. Every six months check for filter integrity.		
SPD- Sterilizer Equipment Room	N/A- Room supplied by transfer make-up air.					
SPD- Restrooms/Housekeeping	N/A- Room supplied by transfer make-up air.					
SPD- Clean/Sterile Storage	Existing	VA Grade B (MERV 11)	No	Every three months check for filter loading and filter integrity.	1. Air filter loading reaches recommended optimum (obtained from filter manufacturer). Or 2. Evidence of damage, media deterioration, microbial growth. Or 3. Minimum space airflow (CFM) and ACH requirements cannot be achieved.	
			Yes	Continual monitoring of filter loading. Every six months check for filter integrity.		
Non-SPD- Sterile/Clean Supply Room (e.g. wards, clinics, etc.)	Existing	VA Grade B/C/D/E ³ (MERV 11/14/15/17)	No	Every three months check for filter loading and filter integrity.		
			Yes	Continual monitoring of filter loading. Every six months check for filter integrity.		
Non-SPD- RME Reprocessing Room (e.g. wards, clinics, etc.)	Existing	VA Grade B/C/D/E ³ (MERV 11/14/15/17)	No	Every three months check for filter loading and filter integrity.		
			Yes	Continual monitoring of filter loading. Every six months check for filter integrity.		

¹ Installed manometer or pressure differential device connected to building automation system for monitoring purposes.

Notes: ² Inspection frequencies listed represent minimums established by VHA and are not intended to preclude more frequent inspections necessitated by local conditions.

³ Air filtration efficiency is determined by the most stringent requirement for the space function being served (i.e.- Dental Clinic, ICU, Pharmacy, Nursing Ward, ect.). As a minimum, After/Final-filter efficiency shall be equal or higher than VA Grade B (MERV 11).

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March 2011

Air Filtration Standards for SPD, Sterile Supply Areas, RME Reprocessing Areas -New Facilities/Construction and AHU Replacements-

Functional Area	Pre-Filter Efficiency Pre-Fiter Set #1	Pre-Filter Efficiency Pre-Fiter Set #2	After/Final-Filter Efficiency	Centralized Monitoring of Filter Loading ¹ (i.e. Building Automation System)	Inspection Frequency ²	Replacement Criteria
SPD- Soiled/Decontamination	Comply with the VA <i>HVAC Design Manual for Hospitals, Ambulatory Care, Outpatient Clinics, and Laboratories</i> (PG-18-10) dtd. March 2011			Yes	Continual monitoring of filter loading. Every six months check for filter integrity.	1. Air filter loading reaches recommended optimum (obtained from filter manufacturer). Or 2. Evidence of damage, media deterioration, microbial growth. Or 3. Minimum space airflow (CFM) and ACH requirements cannot be achieved.
SPD- Preparation, Assembly, Sterilization Area				Yes	Continual monitoring of filter loading. Every six months check for filter integrity.	
SPD- Sterilizer Equipment Room	N/A- Room supplied by transfer make-up air.					
SPD- Restrooms/Housekeeping	N/A- Room supplied by transfer make-up air.					
SPD- Clean/Sterile Storage	Comply with the VA HVAC Design Manual for Hospitals, Ambulatory Care, Outpatient Clinics, and Laboratories (PG-18-10) dtd. March 2011			Yes	Continual monitoring of filter loading. Every six months check for filter integrity.	1. Air filter loading reaches recommended optimum (obtained from filter manufacturer). Or 2. Evidence of damage, media deterioration, microbial growth. Or 3. Minimum space airflow (CFM) and ACH requirements cannot be achieved.
Non-SPD- Sterile/Clean Supply Room (e.g. wards, clinics, etc.)				Yes	Continual monitoring of filter loading. Every six months check for filter integrity.	
Non-SPD- RME Reprocessing Room (e.g. wards, clinics, etc.)				Yes	Continual monitoring of filter loading. Every six months check for filter integrity.	

Notes: ¹ Installed manometer or pressure differential device connected to building automation system for monitoring purposes.

² Inspection frequencies listed represent minimums established by VHA and are not intended to preclude more frequent inspections necessitated by local conditions.