

MICROBIOLOGY DEPARTMENT

PERFORMANCE QUALIFICATION PROTOCOL FOR GARMENT STORAGE CABINET

Pre - Execution Approval

	Name	Designation	Signature	Date
Prepared By				
Reviewed By				
Reviewed By				
Reviewed By				
Approved By				



MICROBIOLOGY DEPARTMENT

PERFORMANCE QUALIFICATION PROTOCOL FOR GARMENT STORAGE CABINET

1.0 Objective:

- To establish documented evidence which will provide a High degree of assurance and reliability about the performance of the Garment Storage cabinet.
- To determine that the Garment Storage cabinet performs as intended by repeatedly running the system on its intended schedules and recording all relevant information and data. Results must demonstrate that performance consistently meets predefined specifications under normal conditions and where appropriate for worst case situations.

2.0 Scope:

Scope is limited to the following

Equipment / System Name	Garment storage Cabinet
ID Number	
Location	Change Room

3.0 Performance Verification Checklist:

Refer Annexure - II

Verify the performance of all the critical process/functions as per their respective procedure. Refer Performance Verification Checklist as per Annexure - I.

4.0 Any Changes/Deviations identified during operating checks:

5.0 Recommendations an	nd Conclusions:	

MICROBIOLOGY DEPARTMENT

PERFORMANCE QUALIFICATION PROTOCOL FOR GARMENT STORAGE CABINET

6.0 References:

Design Qualification

Installation Qualification

Operational Qualification

Standard Operating Procedure

7.0 Annexure

Annexure - I : Performance Verification Checklist

Annexure - II : List of Changes / Deviation.

Annexure - III: Performance Qualification Report.

8.0 Abbreviations:

SOP : Standard Operating Procedure

Post execution approval:

	Name	Designation	Signature	Date
Compiled By				
Reviewed By				
Reviewed By				
Reviewed By				
Approved By				



MICROBIOLOGY DEPARTMENT

PERFORMANCE QUALIFICATION PROTOCOL FOR GARMENT STORAGE CABINET

Annexure - I Checklist for Performance Verification

S.No.	Te	st	Acceptance Criteria	Actual Result	Remarks	Verification Done by
1.	HEPA Filter Integrity (% Penetration)		0.001 % penetration			
2	Average Air Velocity (fpm)	At supply	90 ± 10 %			
2.	Average Air Velocity (fpm)	At exhaust	Not applicable			
2	Pressure Drop (mm of WC)	Across Supply HEPA Filter	10 to 20 mm of WC			
Pressure Drop (mm of WC)		Within Work area	Not applicable			
		of	3520	1.		
				2.		
4. (Cum. # particles cu.m of a	Particle Count (Cum. # of			3.		
	cu.m of air) (If applicable)	cu.m of air)	29	1.		
				2.		
				3.		



MICROBIOLOGY DEPARTMENT

PERFORMANCE QUALIFICATION PROTOCOL FOR GARMENT STORAGE CABINET

S.No.	Test	Acceptance Criteria	Actual Result	Remarks	Verification Done by
5.	Passive Air Sampling (Settle Plate Exposure) (Grade A)	1 (cfu/4 hrs)	1st Day 2nd Day 3rd Day		
6.	Active Air Sampling (Grade A)	1 (cfu/m³)	1 st Day 2 nd Day 3 rd Day		

Note:

Remarks: Performance Verification of Garment Storage Cabinet - Complies / Does not comply.



MICROBIOLOGY DEPARTMENT

PERFORMANCE QUALIFICATION PROTOCOL FOR GARMENT STORAGE CABINET

Annexure - II

List of Changes / Deviations

S.No.	Description of Change / Deviations	Justification based on impact analysis

Approved By: