



**PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING
MACHINE CFL- 120**

**PERFORMANCE QUALIFICATION
REPORT
FOR
INTEGRATED 3 PIECE VIAL FILLING
MACHINE CFL-120**

EQUIPMENT ID. No.	
LOCATION	FILLING ROOM
DATE OF QUALIFICATION	
SUPERSEDES PROTOCOL No.	NIL



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**PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING
MACHINE CFL- 120**

REPORT CONTENTS

S.No.	TITLE	PAGE No.
1.0	REPORT PRE APPROVAL	3
2.0	OBJECTIVE	4
3.0	SCOPE	4
4.0	RESPONSIBILITY	4
5.0	EQUIPMENT DETAILS	6
6.0	PRE-REQUALIFICATION REQUIREMENTS	6
7.0	TESTS & CHECKS	7
8.0	CHECK LIST OF ALL TESTS & CHECKS	39
9.0	DOCUMENTS TO BE ATTACHED	40
10.0	NON-COMPLIANCE	40
11.0	DEVIATION FROM PRE DEFINED SPECIFICATION	40
12.0	CHANGE CONTROL	40
13.0	REVIEW	41
14.0	CONCLUSION	41
15.0	RECOMMENDATION	41
16.0	ABBREVIATION	42
17.0	POST APPROVAL	43



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PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING MACHINE CFL- 120

1.0 PROTOCOL PRE – APPROVAL:

INITIATED BY:

DESIGNATION	NAME	SIGNATURE	DATE
OFFICER/EXECUTIVE (QUALITY ASSURANCE)			

REVIEWED BY:

DESIGNATION	NAME	SIGNATURE	DATE
HEAD (PRODUCTION)			
HEAD (ENGINEERING)			

APPROVED BY:

DESIGNATION	NAME	SIGNATURE	DATE
HEAD (QUALITY ASSURANCE)			



PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING MACHINE CFL- 120

2.0 OBJECTIVE:

- To provide documented evidence that the Equipment is performing consistently, repeatedly and reproducibly within its established operating range and the results of all the test parameters meet the pre-defined acceptance criteria.
- To confirm the suitability of the Standard Operating Procedures for all routine activities associated with the system.

3.0 SCOPE:

- The scope of this report is limited for qualification of **Integrated 3 Piece Vial Filling Line with Model No. CFL-120** Machine installed in Vial Filling Room.
- This report provides all the relevant information of the performance qualification activity, In-process observations and analytical data of testing of collected samples.



PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING MACHINE CFL- 120

4.0 RESPONSIBILITY:

The Validation Group, comprising of a representative from each of the following departments, shall be responsible for the execution of Performance Qualification Report.

DEPARTMENTS	RESPONSIBILITIES
Quality Assurance	<ul style="list-style-type: none">• Preparation, Authorization, Approval and Compilation of the Performance Qualification.• Co-ordination with Quality Control, Production and Engineering to carryout Performance Qualification Activity.• Monitoring of Performance Qualification.• Post Approval of Performance Qualification Report after Execution.
Production	<ul style="list-style-type: none">• Review of Performance Qualification Report.• To co-ordinate and support Performance Qualification Activity.• Post Approval of Performance Qualification Report after Execution.
Quality Control	<ul style="list-style-type: none">• Review of Performance Qualification Report.• Analytical Support (Microbiological Testing/Analysis).• Post Approval of Performance Qualification Report after Execution.
Engineering	<ul style="list-style-type: none">• Reviewing of qualification protocol for correctness, completeness and technical excellence• Responsible for trouble shooting (if occurred during execution).• Maintenance & preventive maintenance as per schedule.• Post Approval of Performance Qualification Report after Execution.



PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING MACHINE CFL- 120

5.0 EQUIPMENT DETAILS:

Equipment Name	Integrated 3 Piece Vial Filling Machine
Equipment	
Manufacturer's Name	
Model	cGMP Model
Supplier's Name	
Location of Installation	Vial Filling Room

6.0 PRE – QUALIFICATION REQUIREMENTS:

Verification for availability, completeness and approval status of all the required relevant documents shall be done and observations shall be recorded in the performance qualification report.

- Executed and approved Design Qualification document.
- Executed and approved Installation Qualification document.
- Executed and approved Operational Qualification document.
- SOP for Operation & Cleaning of Integrated 3 Piece Vial Filling Machine.
- SOP for Preventive Maintenance Integrated 3 Piece Vial Filling Machine.



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PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING MACHINE CFL- 120

7.0 TESTS AND CHECKS:

7.1 Verification of Documents:

Record the observations for documents in the below mentioned table.

S. No.	Document Name	Document/SOP No.	Completed (Yes/No)	Checked By (Engineering) Sign/Date	Verified By (QA) Sign/Date
1.	Executed and approved Design Qualification document				
2.	Executed and approved Installation Qualification document				
3.	Executed and approved Operational Qualification document				
4.	PQ Protocol approved				

Checked By
(Production)

Sign/Date:

Verified By
(Quality Assurance)

Sign/Date:

Inference:

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Reviewed By
(Manager QA)

Sign/Date:



PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING MACHINE CFL- 120

7.2 PERFORMANCE EVALUATION FOR MACHINE SPEED OPTIMIZATION

Date of Test		Equipment ID	
Total Vials taken for test		Vial Size	
Parameter	Low Speed ()	Optimum Speed()	High Speed ()
Sample after(min)			
Machine jam			
Vials without Dropper			
Vials without Caps			
Rejection(B1)(B2)(B3)
Sample after(min)			
Machine jam			
Vials without Dropper			
Vials without Caps			
Rejection(B1)(B2)(B3)
Sample after(min)			
Machine jam			
Vials without Dropper			
Vials without Caps			
Rejection(B1)(B2)(B3)
Total rejection	Σ B1=	Σ B2=	Σ B3=

Checked By
(Production)
Sign/Date:

Verified By
(Quality Assurance)
Sign/Date.....

Inference:
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Reviewed By
(Manager QA)
Sign/Date:



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PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING MACHINE CFL- 120

7.3 TEST FOR VOLUME VERIFICATION

Date of test		Equipment ID	
Product Name		Block / Area	
Std. Filled Volume		Volume Variation Limit	
Vial Size	5 ml	Cycle -1	

	Date	Time	Filling volume in ml						Checked by (QA)
			1	2	3	4	5	6	
Initial									
Middle									
End									

Checked By
(Production)

Sign/Date:

Verified By

(Quality Assurance)

Sign/Date.....

Inference:

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Reviewed By
(Manager QA)

Sign/Date:



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TEST FOR VOLUME VERIFICATION

Date of test		Equipment ID	
Product Name		Block / Area	
Std. Filled Volume		Volume Variation Limit	
Vial Size	5 ml	Cycle -2	

	Date	Time	Filling volume in ml						Checked by (QA)
			1	2	3	4	5	6	
Initial									
Middle									
End									

Checked By
(Production)

Sign/Date:

Verified By

(Quality Assurance)

Sign/Date.....

Inference:

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Reviewed By
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Sign/Date:



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TEST FOR VOLUME VERIFICATION

Date of test		Equipment ID	
Product Name		Block / Area	
Std. Filled Volume		Volume Variation Limit	
Vial Size	5 ml	Cycle -3	

	Date	Time	Filling volume in ml						Checked by (QA)
			1	2	3	4	5	6	
Initial									
Middle									
End									

Checked By
(Production)

Sign/Date:

Verified By

(Quality Assurance)

Sign/Date.....

Inference:

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Reviewed By
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Sign/Date:



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TEST FOR VOLUME VERIFICATION

Date of test		Equipment ID	
Product Name		Block / Area	
Std. Filled Volume		Volume Variation Limit	
Vial Size	10 ml	Cycle -1	

	Date	Time	Filling volume in ml						Checked by (QA)
			1	2	3	4	5	6	
Initial									
Middle									
End									

Checked By
(Production)

Sign/Date:

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Date of test		Equipment ID	
Product Name		Block / Area	
Std. Filled Volume		Volume Variation Limit	
Vial Size	10 ml	Cycle -2	

	Date	Time	Filling volume in ml						Checked by (QA)
			1	2	3	4	5	6	
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Date of test		Equipment ID	
Product Name		Block / Area	
Std. Filled Volume		Volume Variation Limit	
Vial Size	10 ml	Cycle -3	

	Date	Time	Filling volume in ml						Checked by (QA)
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End									

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(Manager QA)**

Sign/Date:



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PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING MACHINE CFL- 120

8.0 CHECKLIST OF ALL TESTS & CHECKS:

This checklist is provided to ensure that all tests or checks required for this protocol have been executed.

Tests or Checks	Executed (Yes/No)	Remarks
Verification of DQ, IQ & OQ & Other Documents		
Verification of Machine Performance		
Test for Volume Verification		
Tests for Dropper Fixing Quality		
Tests for Screw Capping Quality		

Checked By
(Production)
Sign/Date:

Verified By
(Quality Assurance)
Sign/Date.....

Inference:
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Reviewed By
(Manager QA)
Sign/Date:



PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING MACHINE CFL- 120

9.0 DOCUMENTS TO BE ATTACHED:

- Operation and Maintenance Manual.
- Copy of SOP's.
- Any Other Relevant Documents.

10.0 NON COMPLIANCE:

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11.0 DEVIATION FROM PREDEFINED SPECIFICATION IF, ANY:

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12.0 CHANGE CONTROL, IF ANY:

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13.0 REVIEW (INCLUSIVE OF FOLLOW UP ACTION, IF ANY):

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14.0 CONCLUSION:

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15.0 RECOMMENDATION:

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**PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING
MACHINE CFL- 120**

16.0 ABBREVIATIONS:

cGMP	:	Current Good Manufacturing Practices
mm	:	Millimetre
No.	:	Number
OQ	:	Operational Qualification
PQ	:	Performance Qualification
SOP	:	Standard Operating Procedure
Sr.	:	Senior
SS	:	Stain less Steel
TFM	:	Three piece Filling Machine
WHO	:	World Health Organization
LTD.	:	Limited



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PERFORMANCE QUALIFICATION REPORT FOR INTEGRATED 3 PIECE VIAL FILLING MACHINE CFL- 120

17.0 PROTOCOL POST APPROVAL:

INITIATED BY:

DESIGNATION	NAME	SIGNATURE	DATE
OFFICER/EXECUTIVE (QUALITY ASSURANCE)			

REVIEWED BY:

DESIGNATION	NAME	SIGNATURE	DATE
HEAD (PRODUCTION)			
HEAD (QUALITY CONTROL)			
HEAD (ENGINEERING)			

APPROVED BY:

DESIGNATION	NAME	SIGNATURE	DATE
HEAD (QUALITY ASSURANCE)			