



OPERATION QUALIFICATION PROTOCOL FOR FILTER DRYING BOOTH

CUSTOMER:

EQUIPMENT: FILTER DRYING BOOTH

SUBMITTED BY:

PHARMA ENGINEERS

PLOT NO. 113/A/1, LANE 8, PHASE II,
IDA CHERLAPALLI, HYDERABAD- 500051.

Tel No.91-40 27261113, 27261114

OPERATION QUALIFICATION PROTOCOL APPROVAL

This document is prepared by the documentation team of **M/S. PHARMA ENGINEERS** for

EQUIPMENT : _____

PLANT /PROJECT :

CLIENT :

Hence this document before being effective shall be approved by **Client / Customer**

M/s. PHARMA ENGINEERS:

	Name	Designation	Signature	Date
Prepared By				
Reviewed By				

CLIENT / CUSTOMER:

	Name	Designation	Signature	Date
Reviewed By				
Approved By				

Client:

Supplier/ Manufacturer: **PHARMA ENGINEERS, HYDERABAD**

Equipment: FILTER DRYING BOOTH

Page 3 of 6

OPERATION QUALIFICATION (OQ)

TABLE OF CONTENT

1. OBJECTIVE.....	4
2. TEST OF ALARMS & INTERLOCKS:.....	4
3. UTILITY VERIFICATION:	6



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Page 4 of 6

OPERATION QUALIFICATION (OQ)

1. OBJECTIVE

The objective of this document is to qualify and certify the functionality of Filter Drying Booth (TAG NO) with due considerations as specified in DQ of Filter Drying Booth (TAG NO).

2. TEST OF ALARMS & INTERLOCKS:

Sr.no	Method of testing	Acceptance criteria	Observations
1.	Switch ON the Equipment and observe functionality	The Blower and motor of equipment shall start.	
2.	Switch OFF the Equipment and observe functionality	The Blower and motor of equipment should stop.	
3.	Observe the cycle during Once through phase (Heating)	Fresh air damper, Exhaust air damper opens and Return damper closes for about 10 min (set point time in timer)	
4.	Observe the cycle during Recirculation Phase (after completion of Once through phase)	Fresh air damper, Exhaust air damper closes and Return air damper opens for about 30 min (set point in timer)	
5.	Observe the cycle during Exhaust phase (after completion of Recirculation Phase)	Fresh air damper, Exhaust air damper opens and Return air damper closes for about 10 min (set point in timer)	

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Page 5 of 6

OPERATION QUALIFICATION (OQ)

6.	Observe the Function of 2-way valve	During Once through phase, 2-way valve opens During Recirculation Phase 2-way valve opens During Exhaust Phase 2-way valve closes	
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REMARKS (IF ANY):



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Page 6 of 6

OPERATION QUALIFICATION (OQ)

3. UTILITY VERIFICATION:

Sr. No.	Component	Method of Testing	Acceptance Criteria	Result
1.	Hot water inlet temperature	Place temperature gauge in inlet hot water port	NLT 50 deg C	
2.	Hot water inlet pressure	Place pressure gauge in inlet hot water port	NLT 1 kg/cm2	
3.	Steam inlet pressure	Place pressure gauge in inlet steam port	NMT 0.75 bar	

REMARKS (IF ANY):

Test Conducted By

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